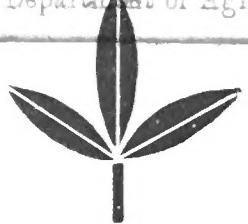


## **Historic, Archive Document**

Do not assume content reflects current scientific knowledge, policies, or practices.



W. C. Young, Director  
U. S. Department of Agriculture



*Bulbs*

**VEGETABLE  
FLOWER  
LAWN  
SEEDS**

**FERTILIZER**



*Liefgreen's Giant Ranunculus (See page 2)*

**liefgreen**

**SEED COMPANY**

339 W. Van Buren      Phone 30108

**PHOENIX, ARIZONA**

**FALL  
1940**



*Giant Double Ranunculus*

**Culture:** In warm climates, Ranunculus may be planted in early fall for winter bloom and from that time in succession until spring. For pot grown winter flowers, plant early in fall, water thoroughly and plunge in ashes or sand until they are sprouted.

The bulbs resemble tiny clumps with finger-like projections which should be planted pointed down. Soak the bulbs in water 2 hours and cover about 2 inches deep, 4 to 6 inches apart, and if soil is at all heavy, cover with peat moss in order that leaves will push through readily without heaving the soil. A rich under-soil is desirable, but use no fresh fertilizer around the bulb. Plant in a partly shaded location, particularly if grown for blooming in late spring or early summer, otherwise if planted in locations like the Phoenix, Arizona, valley during the fall months in a sunny, open location. An abundance of water and good drainage is essential.

## LIEFGREEN'S RANUNCULUS

A MORE WONDERFUL DISPLAY OF COLOR cannot be pictured than a mass of Ranunculus in full blossom and we know of no other bulb that will give the profusion of blooms for the amount of money expended. The large globular flowers 2 and 3 inches across carry a wide range of bright shades, including crimson, orange, pink, yellow and white, with some striped and variegated borne on strong stems 8 to 10 inches in length. A most gorgeous effect in beds and borders, while as cut flowers they are very satisfactory, keeping fresh in water for a long time. Once grown you will never be without them.

### "GIANT TECOLOTE" RANUNCULUS

By far the largest and most magnificent strain of Ranunculus ever offered the public. Flowers very double, blended with semi-double. Centers are usually light green. Our mixture contains a beautiful range of colors. Do not confuse them with the cheap kinds offered at reduced prices.

**JUMBO**—Extra large bulbs. Mixed colors. **8c each; 85c per dozen; \$6.00 per 100.**

**TOP SIZE**—Large bulbs. Mixed colors. **7c each; 75c per dozen; \$4.50 per 100.**

**No. 1 Size**—Mixed colors. **5c each; 50c per dozen; \$3.00 per 100.**

**No. 2 Size**—Mixed colors. **5c for 2; 25c per dozen; \$1.75 per 100.**

**Gold Shades No. 1**—Colors running from straw through the entire range of yellows to deep golden yellow. **7c each; 75c per dozen; \$4.50 per 100.**

**Red Shades No. 1**—Giant Tecolote variety. Colors of dark crimson, scarlet, orange-red, and all other shades of red. **7c each; 75c per dozen; \$4.50 per 100.**

**Pink Shades No. 1**—A Giant Tecolote of pink shades that contain all shades of pink from light pink to deep rose color. **7c each; 75c per dozen; \$4.50 per 100.**

**White Shades No. 1**—A new item of beautiful waxy white and extra large size. About 90% will be pure white, the balance will be off-whites, creams and light yellows. **7c each; 75c per dozen; \$4.50 per 100.**

All Bulbs Are Sent Postpaid.

## Free Parking When You Come to Liefgreen's

DIRECTLY EAST OF OUR STORE is our spacious parking lot. Drive in, make yourself at home, no confusion, no tickets, no bother, and avoid the trouble that comes when you try to park in the more congested areas.

### DOMESTIC PARCEL POST RATES

For the convenience of our out-of-town customers we list many items at postpaid prices.

FOR ITEMS NOT LISTED POSTPAID, CUSTOMER MAY FIGURE RATE FROM CHART BELOW

On Seeds, Plants, Bulbs, Roots, Books, Tools, etc., within the U. S. and Possessions. Weight limit 70 lbs. Local delivery, 1st pound 7c; each additional 2 pounds, 1c.

First Zone, Phoenix and within 50 miles of Phoenix.....	50 miles of Phoenix.....	
Second Zone, within 50 to 150 " " "	.....	
Third Zone, " 150 to 300 " " "	.....	
Fourth Zone, " 300 to 600 " " "	.....	
Fifth Zone, " 600 to 1,000 " " "	.....	
Sixth Zone, " 1,000 to 1,400 " " "	.....	
Seventh Zone, " 1,400 to 1,800 " " "	.....	
Eighth Zone, " all over 1,800 " " "	.....	

First Pound or Fraction	Additional Pound or Fraction
8c	1c
8c	1c
9c	2c
10c	4c
11c	5c
12c	7c
14c	9c
15c	11c

**NON-WARRANTY**—The Liefgreen Seed Co. gives no warranty, express or implied, as to the description, quality, productiveness, or any other matter of seeds, bulbs, plants or trees they send out, and they will not be responsible in any way for the crop.

**WE CARRY ONLY ONE GRADE OF SEED**—That is the best procurable. We fill all of our own seed packets from fresh seed of the highest purity and germination. Follow our Planting Guide and Cultural Directions as given in our catalog.

**ERROR IN FILLING ORDERS**—We use the greatest of care in filling, checking and packing orders. Yet should anything be omitted we will promptly forward when advised. Keep a duplicate copy of your order for comparison.

**ADD 2% TO COVER STATE RETAIL SALES TAX**

(Customers outside of Arizona need pay no Sales Tax.)

Prices Subject to Change Without Notice.

## Plant Liefgreen's Select Anemones

These lovely flowers are deservedly popular. With an exceedingly wide range of color and color combinations, and an adaptability for both forcing and outdoor planting, the Anemone is a most useful and satisfactory flower. The plants thrive best in a rather rich, sandy loam, but will do well in most any well-drained garden soil. Ready September 1st.

**Culture:** For pot forcing, place six or more in a pot of proportionate size and handle the same as Tulips and Hyacinths, keeping them well watered at blooming time. For outdoor, they are suitable for borders, rockeries and mass bedding. Plant the tubers 6 to 7 inches apart, 2 inches deep, laid flat with the growing knobs upward. Soaking the tubers before planting hastens the blooming. In warm climates, free of heavy freezing, Anemones may be planted from early fall to early spring and several plantings will produce a continuous bloom in 4 to 5 months' time. Under colder conditions, a mulching of leaves and litter is necessary and in regions subject to extreme cold, the tubers should be carried over in a cold frame and planted in the spring. After flowering and the leaves have dried off, lift the tubers, dry and store in dry sand until next planting time. In warm climates they may remain in the ground and rested under rather dry conditions.

### Monarch De Caen

A magnificent robust growing strain of Poppy Anemone with immense saucer shaped flowers of the most brilliant and varied colors from pink to beautiful shades of blue and brilliant scarlet, borne on long strong stems. Bulbs are small but produce a flower of amazing size.

Jumbo Size—75c per dozen; \$4.50 per 100.  
No. 1 Size—50c per dozen; \$3.00 per 100.  
No. 2 Size—35c per dozen; \$2.00 per 100.

**Blue Poppy**—A most attractive strain running all shades of beautiful blue. Very large single flowers.

Jumbo Size—85c per dozen; \$5.50 per 100.  
No. 1 Size—60c per dozen; \$4.00 per 100.  
No. 2 Size—50c per dozen; \$3.00 per 100.

**His Excellency**—A grand variety bearing flowers measuring three inches across, of the most vivid vermillion with silver-white base and handsome black central boss. Single.

Jumbo Size—85c per dozen; \$5.50 per 100.  
No. 1 Size—60c per dozen; \$4.00 per 100.  
No. 2 Size—50c per dozen; \$3.00 per 100.

**The Bride**—Single large pure white Anemone, white center.

Jumbo Size—85c per dozen; \$5.50 per 100.  
No. 1 Size—60c per dozen; \$4.00 per 100.  
No. 2 Size—50c per dozen; \$3.00 per 100.

### St. Brigid "Creigh Castle"

Large semi-double flowers of the most brilliant hues and delicate shades and colors, including a good proportion of rose, pinks, lavenders and blues.

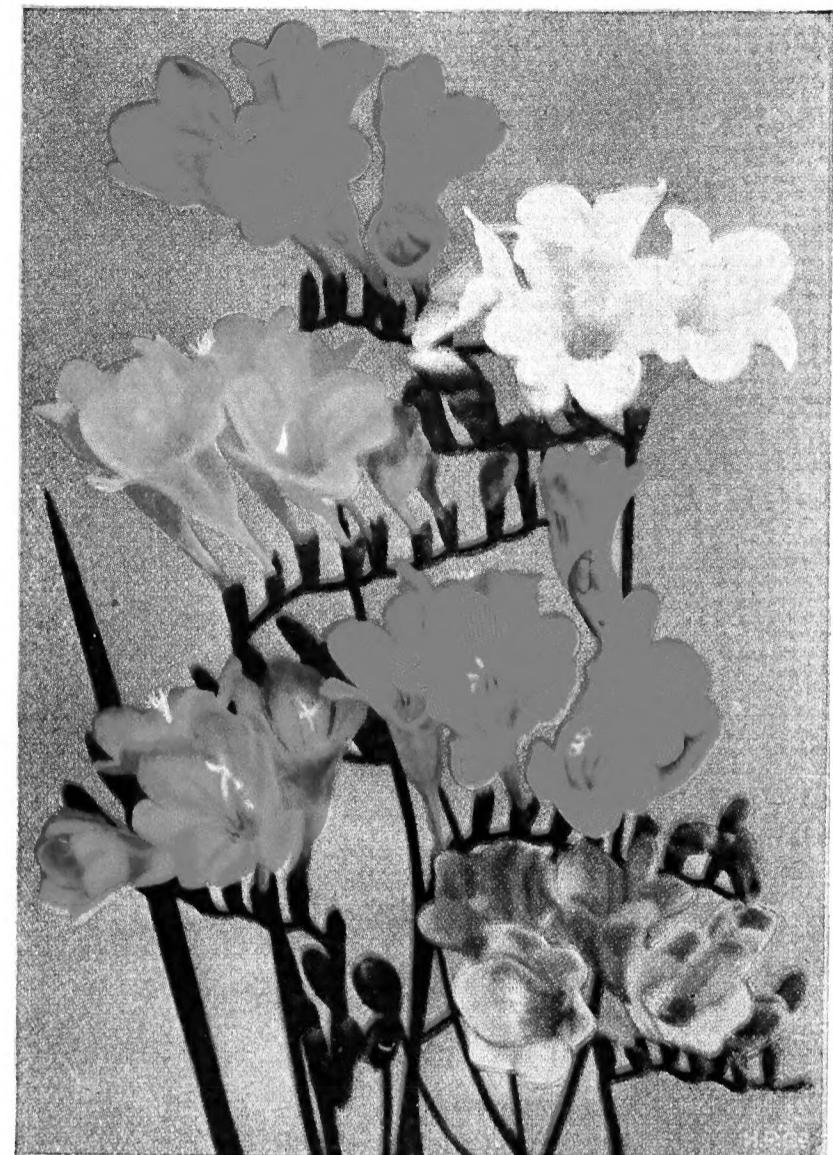
Jumbo Size—85c per dozen; \$5.50 per 100.  
No. 1 Size—60c per dozen; \$4.00 per 100.  
No. 2 Size—50c per dozen; \$3.00 per 100.

**The Governor**—Semi-double. Many petalled variety of brilliant red.

Jumbo Size—85c per dozen; \$5.50 per 100.  
No. 1 Size—60c per dozen; \$4.00 per 100.  
No. 2 Size—50c per dozen; \$3.00 per 100.



Anemones—Easily Grown



Liefgreen's Beautiful All-Colored Freesias

## FREESIAS—Ready in August

An easily grown, attractive and fragrant flower for both indoor and outdoor culture. Few bulbs flourish in the home window with so little care as do the Freesias, and a single plant in flower will soon fill the room with a most delicate perfume. The new colored varieties are charming and all make excellent cut flowers.

**Freesia Culture:** Freesias may be planted from August 15th, through January. They are easily grown, blossom freely in early spring and the bulbs will multiply and continue blooming for years. The soil should be well prepared, and though they grow well in full sun, they also may be planted in partial shade. All Freesias are fragrant and make good cut flowers.

Plant the bulbs one to two inches apart and cover to a depth of about two inches. In place of a single row place bulbs to make a row three or four inches wide; giving a very nice effect.

Freesias may be left in the ground from year to year or if they are taken up it should be done after the foliage has become entirely cured or dry.

### Liefgreen's Colored Freesias

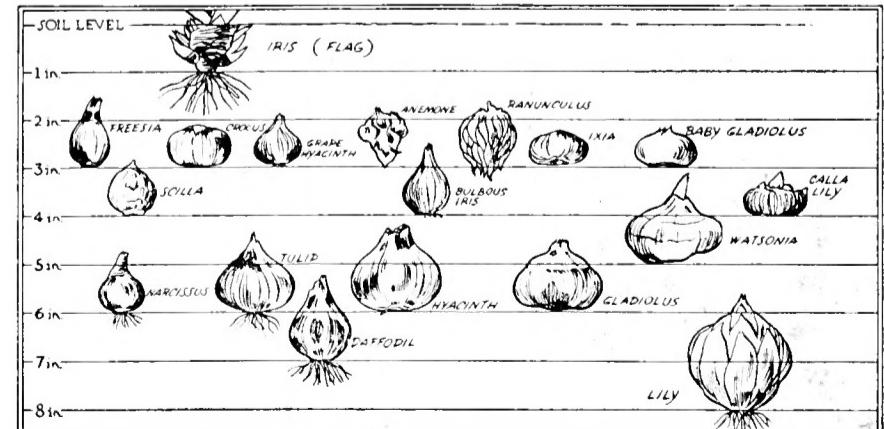
**Mixed Colors**—A special mixture and a careful blend of all colors. No whites are included. **Special top size**—60c per dozen; \$1.75 for 50; \$3.50 per 100.

No. 2 Size—40c per dozen; \$2.75 per 100.

**Pure White Freesia—Purity Superflora**—This is an improved white. Very large flowers of good substance and delightfully scented. Large size bulbs. 40c per dozen; \$1.50 for 50; \$2.75 per 100.

No. 2 Size—25c per dozen; \$1.00 for 50; \$1.75 per 100.

All Bulbs Are Sent Postpaid.



Plant Bulbs to the Depth Indicated

## DAFFODILS AND NARCISSUS

All varieties are easy to grow and are very popular as cut flowers because of their splendid keeping qualities. They may be grown in cultivated beds or borders or in the shrubbery border where they may be allowed to naturalize. While they prefer partial shade, they will thrive in full sun. Plant from late September through January in any good garden soil, covering to a depth of 5 inches.

All Narcissus may be grown in Bulb fibre and culture is the same as for Hyacinths.

### TRUMPET DAFFODILS

**KING ALFRED**—This is one of the largest flowers and longest stemmed variety now being offered. The flowers are pure yellow, the trumpet is slightly frilled, and there are 3 or 4 flowers produced from each bulb.

Jumbo Bulbs—15c each; 80c for 6; \$1.50 per dozen; \$10.00 per 100.

Extra Large Bulbs—25c for 2; 65c for 6; \$1.25 per dozen; \$8.00 per 100.

**SPRING GLORY**—Yellow trumpet with creamy white perianth. Large bold flower of exceptional beauty. 25c for 2; 65c for 6; \$1.25 per dozen; \$8.00 per 100.

**EMPEROR**—Brilliant golden yellow flowers of immense size, with wide overlapping perianth. Extra fine. 25c for 2; 65c for 6; \$1.25 per dozen; \$8.00 per 100.

### DAFFODILS

#### MIXED VARIETIES FOR NATURALIZING

A good mixture that has proven desirable for this purpose. Plant liberally and enjoy their beauty year after year. Our bulbs are double nose. Mixed varieties \$1.00 per dozen; \$3.75 for 50; \$7.00 per 100.



Paper White Narcissus

Giant King Alfred

### Paper White Narcissus

**Grandiflora**—Everyone knows the Paper White Narcissus. As a quick-growing bulb it has no equal. The flowers are pure white and very fragrant, produced on long, stiff stems. They can be forced into bloom in from 6 to 8 weeks' time, and by planting at intervals of 4 weeks apart you will have a succession of blooms throughout the fall and winter season. When grown in water, place the bowl in a dark cool place until sprouted 3 or 4 inches. Then move to light location and you will have blooms in a few weeks. Narcissus enjoys a cool temperature as warmth tends to grow excessive foliage. A small amount of charcoal in the water will tend to keep it cool and sweet. Large size bulbs. 15c for 2; 40c for 6; 75c per dozen; \$5.00 per 100.



Soleil d'Or

**SOLEIL D'OR**—**Yellow Paper White.** Beautiful golden yellow flowers with deep orange cup. Can be bloomed just as easy as the Paper White Narcissus. 12c each; 65c for 6; \$1.25 per dozen; \$8.00 per 100.

### Chinese Sacred Lily

#### LARGE BLOOMING SIZE

Chinese Lilies are wonderfully attractive as house ornaments and well deserving a place in the home of every lover of plants. The flowers are pure white with yellow cup. May be planted in the open ground or in bowls. After plants are through blooming in the home all Narcissus may be planted out of doors, and will bloom the following year. Culture of Chinese Lilies the same as for Paper Whites. Fancy, sound, bulbs. 15c each; 65c for 6; \$1.25 per dozen.



Von Sion

### Double Daffodil or Von Sion

This is the wonderful double Daffodil that we all know so well. The flowers are a beautiful golden yellow and very double. Excellent for forcing in pots and also for outdoor culture. Our bulbs are Double Nose, which throw more flowers than the Single Nose type. 12c each; 65c for 6; \$1.25 per dozen; \$8.00 per 100.

### Jonquil

A species of Narcissus with very fragrant flowers; excellent for cutting. Culture same as for Narcissus.

**CAMPERNELLE GIANT SINGLE**—The largest and finest single Jonquil; color pure yellow; very fragrant. 10c each; \$1.00 per doz.; \$6.50 per 100.

### Single Narcissus

**POETICUS ORNATUS**—A short cupped Narcissi. Pure white perianth with broad cup delightfully edged scarlet. 10c each; \$1.00 per dozen.

ALL BULBS ARE  
SENT POSTPAID

## LIEFGREEN'S GIANT DARWIN AND COTTAGE TULIPS

The Darwin Tulip cannot be too highly praised. The remarkably brilliant color, their large size and their robust growth, which carries the flower on long, strong stems, make them unsurpassed as a desirable flower for cutting.

**CULTURE:** Plant the bulbs about 6 inches apart and about 5 to 6 inches deep. The best soil for tulips is old well-rotted manure, mixed with sand. Great care should be taken that water does not stand over or under the bulbs when planted out of doors, as they will not thrive in soggy soil. When planted in pots, plenty of drainage should be given. Tulips in pots should be treated the same as Hyacinths.

## DARWIN GIANT AND COTTAGE TULIPS

**BRONZE QUEEN**—A beautiful bronze with long stems. 10c each; 85c per dozen.

**CITY OF HAARLEM**—Immense flowers of bright glittering scarlet. Finest of its color in Giant Flowered Tulips. 25c for 2; \$1.25 per dozen.

**CLARA BUTT**—Delightful soft salmon rose. One of the leading varieties. 10c each; 85c per dozen.

**INGLES COMBE PINK**—Rosy pink overlaid with salmon. Excellent for out-door planting. 10c each; 90c per dozen.

**FARNCOMBE SANDERS**—Brilliant scarlet with clear white base. Famous as a bedding variety. 10c each; 90c per dozen.

**INGLES COMBE YELLOW**—Large globular flowers of a glossy canary yellow. A charming cup-shaped tulip and very fine for all purposes. 10c each; 85c per dozen.

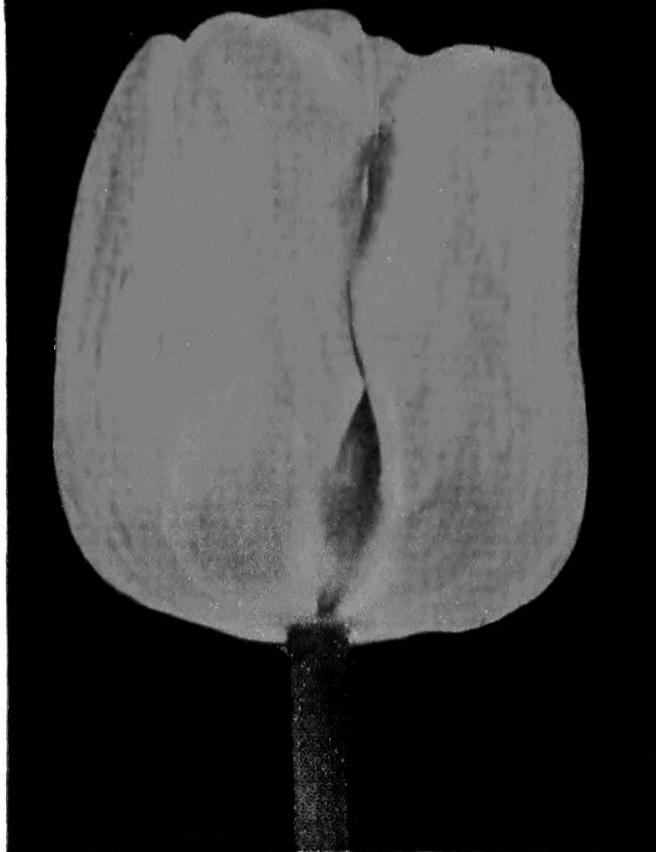
**PRIDE OF HAARLEM**—Old rose color. One of the best varieties. 10c each; 85c per dozen.

**REV. EWBANK**—Heliotrope lilac with a paler edge of the petals. Fine bedder. 10c each; 90c per dozen.

**LIEFGREEN'S SPECIAL MIXTURE OF DARWIN, COTTAGE and BREEDER TULIPS**—A very choice assortment with splendid range of color. 45c for 6; 80c per dozen; \$6.00 per 100.

All the above postpaid.

**ORDER NOW—All Bulbs Sent Postpaid**



*Farncombe Sanders*

## LIEFGREEN'S FREE BLOOMING DUTCH IRIS

Plant a few of these bulbs for their beautiful, graceful flowers. Dutch Iris are considered by many to be superior to the Spanish Iris. They are earlier and larger. Easily grown in half shaded situations. Valuable for cutting. Plant in rows or clumps about 3 inches deep and 3 to 5 inches apart.

**IMPERATOR**—A splendid uniform deep blue.

Jumbo Bulbs—6c each; 60c per dozen; \$4.00 per 100.

No. 1 Size—5c ea.; 40c per doz.; \$3.00 per 100.

**INDIAN CHIEF**—A new and rare variety. Golden bronze, edges tinged violet.

Jumbo Bulbs—10c each; \$1.00 per dozen; \$7.00 per 100.

No. 1 Size—7c ea.; 75c per doz.; \$5.00 per 100.

**YELLOW QUEEN**—Brilliant golden yellow. Very large flower. A striking addition to the garden and exceptionally beautiful for cut flowers.

Jumbo Bulbs—8c each; 85c per dozen; \$7.00 per 100.

No. 1 Size—5c ea.; 50c per doz.; \$3.50 per 100.

**WEDGEWOOD**—Large clear wedgewood blue. Very tall and vigorous. The earliest of all Iris.

Jumbo Bulbs—7c each; 75c per dozen; \$5.00 per 100.

No. 1 Size—5c ea.; 50c per doz.; \$3.50 per 100.

**WHITE EXCELSIOR**—Tall pure white. Flowers wide and very beautiful.

Jumbo Bulbs—7c each; 75c per dozen; \$5.00 per 100.

No. 1 Size—6c ea.; 60c per doz.; \$4.00 per 100.

**MIXED COLORS**—A splendid mixture of the very best varieties.

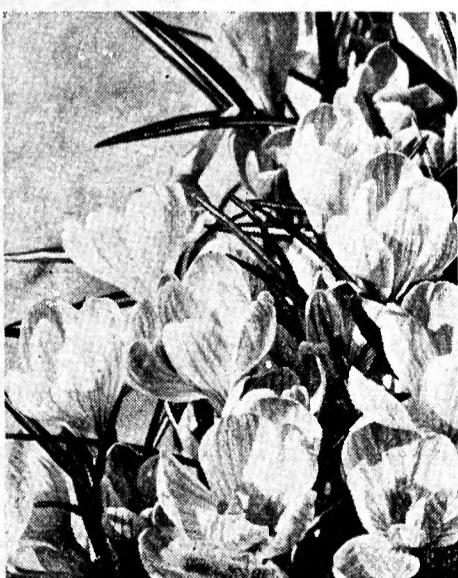
Jumbo Bulbs—50c per dozen; \$3.50 per 100.

No. 1 Size—35c per dozen; \$2.00 per 100.

All of the above postpaid.



*Grape Hyacinths*



*Crocus*

### MUSCARI

Ready in October

### GRAPE HYACINTH

**Heavenly Blue**—The flowers appear in dense clusters resembling miniature Hyacinths. They are bright blue in color. 60c per dozen; \$4.50 per 100.

### CROCUS MIXED COLORS

Available only during the fall months—September to November. Per dozen 50c; per 100 \$3.00.

Due to war conditions in Europe and the fact that they cannot be imported, Hyacinth bulbs will not be available this season and are therefore not listed in our catalog.



*Dutch Iris—Yellow Queen*



Commander Koehl

### Jumbo Gladiolus Collection

One each of the 21 varieties listed

All Jumbo Bulbs

ONLY \$1.00, POSTPAID

### GLADIOLUS . . . Liefgreen's Selected Bulbs

Plant more Gladiolus bulbs this winter. This beautiful flower thrives exceedingly well when planted from November and on during the winter months.

Gladioli will thrive in almost any soil with the exception of extremely heavy soils. They require full sunlight and are liable to injury only from rank manure. Plant the bulbs six to nine inches apart to a depth of about four inches. We recommend free use of water during the season of active growth, particularly as the buds begin to show color, which is beneficial in producing fine flowers. We can furnish Gladiolus bulbs from November to March.

#### Liefgreen's Gladiolus Garden Special

All No. 1 Bulbs, Just Under Jumbo Size.

Excellent for Large Plantings.

40c PER DOZEN; 75c FOR 25; \$1.35 FOR 50;  
\$2.50 FOR 100  
ALL POSTPAID

The following varieties are all choice selections of jumbo hand-picked bulbs. Plant them freely. We pay the postage.

**AVE MARIA** (Pfitzer)—A beautiful shade of medium violet-blue. Fine spikes. 4 for 25c; 60c per dozen; \$4.00 per 100.

**BETTY NUTHALL**—Giant coral pink with pale orange throat. One of the most popular. Late blooming. 5c each; 50c per dozen; \$3.50 per 100.

**COMMANDER KOEHL** (Pfitzer)—A rich deep toned scarlet. Immense size with large wide open blooms. 4 for 25c; 60c per dozen; \$4.00 per 100.

**DANNY BOY** (Australia)—Very attractive odd brown shade. Unusual and distinctive. Fine for exhibition. 4 for 25c; 60c per dozen; \$4.00 per 100.

**D. A. HAY** (Australia)—Bright pink with white center. Perfect spike, unexcelled for exhibition. 4 for 25c; 60c per dozen; \$4.00 per 100.

**GOLD EAGLE**—A pure deep yellow, especially valuable for forcing because of its earliness. 5c each; 50c per dozen; \$3.50 per 100.

**GLORIANA**—Pure salmon blending with clear yellow throat. Primulinus type; very valuable for its beautiful coloring. 4 for 25c; 60c per dozen; \$4.00 per 100.

**GATE OF HEAVEN** (Pfitzer)—The richest and deepest large flowered yellow yet produced. Florets beautifully ruffled. 4 for 25c; 60c per dozen; \$4.00 per 100.

**JOHANN S. BACH**—Salmon red with white median lines. One of the finest of the newer introductions. Excellent for exhibition. 2 for 25c; \$1.15 per dozen; \$8.00 per 100.

**LA PALOMA**—The nearest true orange. Blooms are heavy texture and carried gracefully on long wiry spikes. Early flowering. 5c each; 50c per dozen; \$3.50 per 100.

**MINUET**—Clear lavender pink. The leader of its color. 4 for 25c; 60c per dozen; \$4.00 per 100.

**MRS. LEON DOUGLAS** (Diener)—Begonia rose striped scarlet. This glad still holds its position as the world's largest. 5c each; 50c per dozen; \$3.50 per 100.

**MRS. ANNA PFITZER**—A huge spike of creamy white florets perfectly placed. Fine for exhibition. 4 for 25c; 60c per dozen; \$4.00 per 100.

**MOTHER MACHREE**—A smoky lavender with tints of gold. A most unusual and attractive blending of color. Makes a grand spike. 4 for 25c; 60c per dozen; \$4.00 per 100.

**MOORISH KING**—Deep mahogany maroon of leather-like texture. 2 for 25c; \$1.15 per dozen; \$8.00 per 100.

**PELEGIRINA**—A new foreign importation of deep violet blue. One of the best of this color. 4 for 25c; 60c per dozen; \$4.00 per 100.

**PICARDY**—Clear beautiful pink of huge size. The most popular gladiolus in the world today. 5c each; 50c per dozen; \$3.50 per 100.

**ROSE MARIE PFITZER**—Color very light pink with creamy hue. Forms an extra large spike up to 12 open florets perfectly arranged. 3 for 25c; 75c per dozen; \$5.00 per 100.

**RED PHIPPS**—A pure scarlet that does exceptionally well in southern climates. Opens a great number of florets at one time. 3 for 25c; 75c per dozen; \$5.00 per 100.

**SHIRLEY TEMPLE**—Immense new heavily ruffled cream with cream yellow throat. Nine well placed large massive blooms on a very long spike. Very tall. This is one of the finest varieties on the market and bound to be popular. Every grower should have it. 15c each; \$1.50 per dozen.

**STAR OF BETHLEHEM**—The largest and purest white ever produced. 3 for 25c; 75c per dozen; \$5.00 per 100.

#### LIEFGREEN'S SPECIAL ARIZONA

#### Extra Choice Jumbo Gladiolus Mixture

Includes all of the fine varieties listed and many others.

All are Jumbo Bulbs.

60c PER DOZEN; \$3.50 PER 100. POSTPAID



*L. Henryi*

## AGAPANTHUS UMBELLATUS

(Blue Lily of The Nile)  
A splendid ornamental plant bearing in early summer clusters of bright blue flowers on long stems standing well above the foliage. Does well in this section, but may not flower first year. Plant from November to March—large rooted divisions.

50c each; \$5.00 per doz.  
Postpaid.

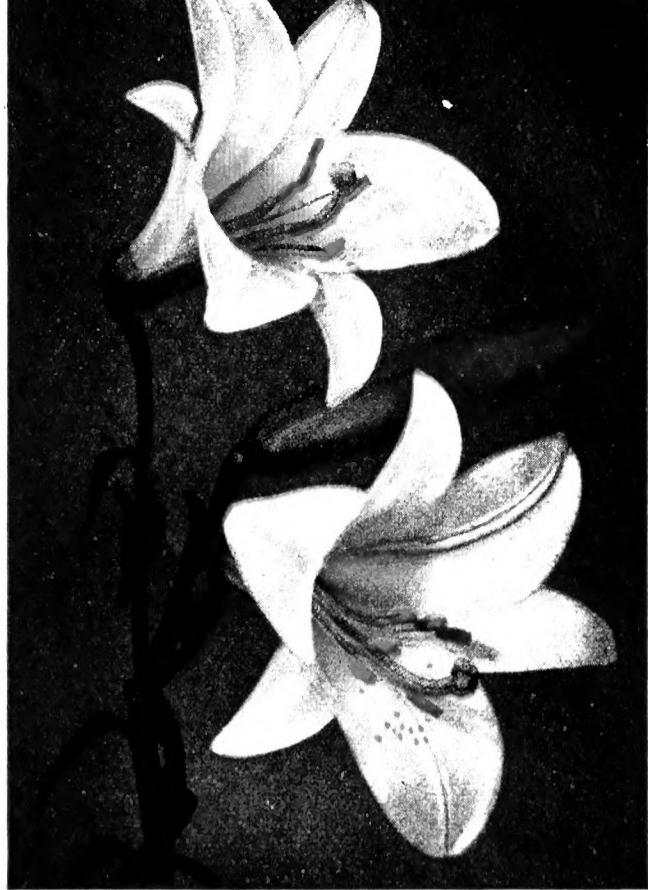
## ORNITHOGALUM

### ARABICUM.

(Star of Bethlehem)

Throws up a tall stem with a cluster of star-shaped flowers; pure white with dark centers. Excellent for cutting, lasting a long time in water. Culture in the house is about the same as for Hyacinths.

20c for 3; 75c per dozen;  
\$5.50 per 100. Postpaid.



*L. Regale*



*L. Elliottiana—Yellow Calla Lily*

*L. Pardalinum Giganteum*



## LIEFGREEN'S LILIES

**CANDIDUM** (Madonna Lily)—A very hardy early flowering lily. The pure white flowers are fragrant and are borne on long stems. The best white lily to plant out doors. Plant early in the fall for spring blooming. Should be planted only about 2 inches deep. 35c each; \$3.50 per dozen; postpaid.

**HENRYI**—Gracefully recurved blossoms of rich orange-yellow with green band at the center. Tall slender stem sometimes reaching eight feet in established clumps. Very hardy and extremely dependable. Plant 10 inches deep, preferably in partial shade. Ready in October. Large bulbs, 30c each; \$3.00 per dozen. Strong medium size bulbs, 25c ea.; \$2.50 per doz. Good flowering size bulbs, 15c ea.; \$1.50 doz.

**PARDALINUM GIGANTEUM** (The Sunset Lily)—(Ready in October)—A marvelous lily of brilliant color and vigorous growth. Strong stems 5-7 feet or even 9 feet high with as many as 40 blossoms. The outer portion of the flower is bright scarlet, the inner part is chrome yellow dotted maroon. Much more vigorous and beautiful than *L. Pardalinum*. Should be planted by mid-season about 8 to 10 inches deep. Give it good fertile soil where it will have plenty of moisture during the growing season. Large bulbs, 60c each; \$6.00 per dozen. Medium bulbs, 40c each; \$4.00 per dozen.

**PHILIPPINESE FORMOSANUM**—Ready in October—Not unlike the Regal Lily in general appearance. The slender stem is covered with the same grassy foliage. The substantial blooms are trumpet-like—long lovely white flowers with a beautiful pale emerald green throat. Distinct and delicate in appearance. Flowers liberally and is easy to grow. 3-4 inch bulbs, 15c each; \$1.50 per dozen; 5-6 inch bulbs, 30c each; \$3.00 per dozen; postpaid.

**REGALE** (The Regal Lily)—(Ready in October)—A new species of great beauty, in habit it is not unlike the Easter lily but taller and bearing frequently 10 to 12 flowers on one stem. Color, white suffused with rose and striking yellow throat. First size, 30c each; \$3.00 per dozen; postpaid.

**TENUIFOLIUM GOLDEN GLEAM** (Pumilum Golden Gleam) — Ready in October—A beautiful form of Tenuifolium with golden yellow flowers. Very hardy and easily grown. May-June. 30c each; \$3.00 per dozen.

## CALLA LILY

The Calla Lily is very popular as a house plant and also excellent for outdoor culture. If grown out of doors plant in a partially shaded location. Bulbs should be taken up every third or fourth year and separated. When dug, dry thoroughly and transplant. In the colder climates bulbs should be taken up for winter.

**AETHIOPICA** (White Calla Lily)—Very large blooms—pure white. Clear dark green foliage. Mammoth size bulbs. 35c each; \$1.85 for 6; \$3.50 per dozen.

**ELLIOTTIANA** (Yellow Calla Lily)—Blooms are large and a beautiful golden-yellow. Bright green leaves with perforations that have the appearance of white spots. Select size. 25c each; \$1.35 for 6; \$2.50 per dozen.

**PINK CALLA LILY**—Flowers rose-pink changing to cerise. Dwarf type. 75c each; \$4.00 for 6; \$7.50 per dozen.

**ARUM PICTUM** (Black Calla Lily)—Very attractive deep purple—almost black. Handsome foliage. Each 60c; \$3.00 for 6; \$6.00 per dozen.

**ALL BULBS ARE SENT POSTPAID**

**BUY QUALITY SELECTED BULBS**



# Liefgreen's Super-Quality Sweet Pea Seeds

**CULTURE:** Avoid dense shade. Select a place in the open where the sun shines at least three-fourths of the day and where the vines may be trained on a trellis. Dig a trench about a foot or 18 inches wide and 18 inches deep. Place about 6 or 8 inches of well-rotted manure on the bottom of the trench. Mix a liberal amount of manure with the soil that has been removed and replace it. After the soil has settled sufficiently, open a trench in the bed about 6 inches deep and plant one ounce of seed to about 20 to 25 feet of row. During the warm weather cover the seed about 2 to 3 inches deep and in cooler weather about 1 inch is sufficient. Care must be taken during warm weather not to rot the seed with moisture. After planting seed soak the trench thoroughly and follow with a liberal sprinkling of peat moss or dried grass to prevent the surface soil from crusting. After the peas have grown 6 or 8 inches begin to draw the soil to them, gradually filling the trench. This will necessitate another trench on each side of the row, through which to water the vines during the rest of the season. A peat mulch around the plant will keep them in good growing condition. Frequent cultivation is also necessary. Keep them well watered and at blooming time keep the blossoms picked to insure a long growing season. Ask about our special fertilizer for Sweet Peas.

## Liefgreen's Large Early Flowering Spencer

**FOR WINTER BLOOMING**—When you plant our Early Flowering Spencer Sweet Peas you are planting the earliest and the largest flowering Early Sweet Peas grown.

**EARLY FLOWERING SPENCERS** are especially valuable for their early flowering qualities. Planted in September and October, they will bloom as early as January, although they may be planted any time during the fall and winter months and will bloom four to six weeks in advance of the regular Spencers.

**EXPOSITION PINK** — Gorgeous rich pink.

**BLUE BONNETT** — Fine clear blue evenly distributed.

**SNOWSTORM**—Improved new glistening white.

**SHIRLEY TEMPLE** — Soft rose-pink—large blooms daintily frilled and fluted.

**HARMONY**—Bright, clear lavender.

**VALENCIA**—Sunproof orange.

**AMETHYST**—Royal purple.

**LADY GAY**—A delightful shade of soft shrimp pink.

**MEADOWLARK** — Deep cream—large flowers on long stems.

**OTHELLO**—Maroon.

**ANNIE LAURIE** — Deep rich tone of pure rose-pink.

**COLUMBIA** — Salmon rose standard with white wings.

**PRIDE**—Cerise, long stems.

**JOSIE**—Deep pink on a white base.

**MARS**—Bright crimson red.

**PRICE:** Any of the above—Pkt. 15c;  $\frac{1}{2}$  oz. 35c; 1 oz. 60c;  $\frac{1}{4}$  lb. \$1.75.

## Liefgreen's Giant Spring Flowering Spencer

Will bloom from four to six weeks later than the Early Flowering type.

The following varieties are the best in color, size, fragrance, abundance of bloom and adaptability to Arizona's climatic conditions. Call for these varieties and be assured that you are planting the best.

**CHINESE BLUE**—Bright clear blue.

**FORTUNE**—Rich dark blue.

**DAMASK ROSE**—Deep soft rose.

**MRS. A. SEARLES**—Rich pink (cerise) merging into orient red.

**MASTER CREAM**—Deep cream, large flowers and long strong stems.

**RUBICUND**—Bright crimson scarlet.

**AMBITION**—Clear lavender, a lovely shade.

**WARRIOR**—Maroon, deep color, flowers very large.

**PIRATE OF GOLD**—Golden orange, exquisite.

**YOUTH**—Large white and pink picotee. Unusual.

**PINKIE**—Bright rose pink, mammoth blooms.

**JACK HOBES**—Flush scarlet pink on cream ground.

**OLYMPIA**—Rich deep purple. Very fine.

**SMILES**—Salmon shrimp pink.

**WELCOME**—Dazzling scarlet, strictly sunproof. Flowers large and stems extra long.

**AVALANCHE**—Glistening white.

**BLANCHE FERRY**—Bright rose and white. Very popular.

**PRICE:** Any of the above—Pkt. 10c;  $\frac{1}{2}$  oz. 20c; 1 oz. 35c;  $\frac{1}{4}$  lb. \$1.25.

## Liefgreen's Giant Spring Flowering Spencer Mixture

In preparing this mixture we are giving our customers all the best varieties in this class and all possible color variations, including many brand new kinds as well. A liberal planting of this mixture will give a most magnificent display of the Giant Spencer types. Pkt. 10c;  $\frac{1}{2}$  oz. 25c;  $\frac{1}{4}$  lb. 75c; 1 lb. \$2.25.

### Cupid Spencer Mixed

Lovely large blooms of true Spencer form borne profusely on small trailing plants growing not more than 9 inches tall. Pkt. 15c,  $\frac{1}{2}$  oz. 25c, oz. 40c, 4 ozs. \$1.25,  $\frac{1}{2}$  lb. \$2.25.

ALL FLOWER SEEDS ARE QUOTED POSTPAID

### SPECIAL SWEET PEA COLLECTION

LIEFGREEN'S GIANT SPRING FLOWERING SPENCER

One each of the above 17 varieties, \$1.25

### SPECIAL SWEET PEA COLLECTION

LIEFGREEN'S GIANT EARLY FLOWERING SPENCER

One each of 15 varieties for only \$1.50

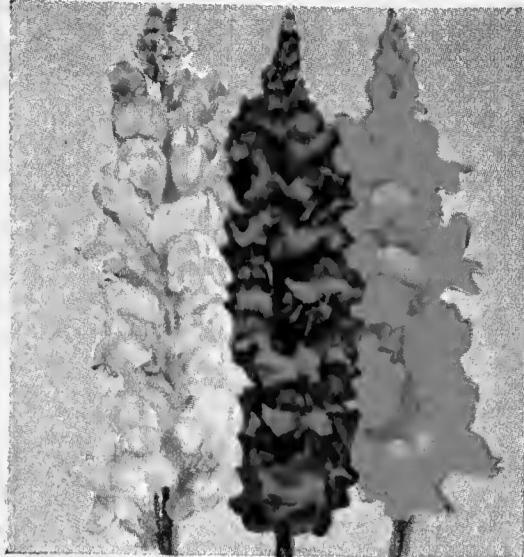
### SPECIAL SWEET PEA FOOD

2½ lbs. 30c, 5 lbs. 45c, 10 lbs. 75c, 25 lbs. \$1.35, 50 lbs. \$2.25, 100 lbs. \$4.00, f.o.b. Phoenix.

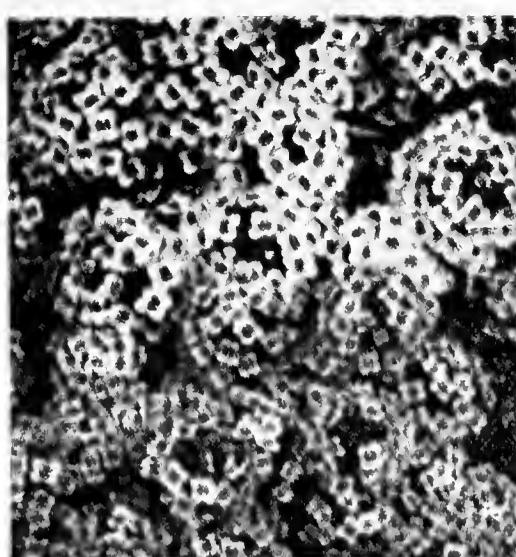
### INOCULATE SWEET PEA SEED WITH LEGUME-AID

LEGUME-AID is a NITROGEN-fixing bacteria for inoculating legume seed, such as SWEET PEA SEED, LUPINS, etc. Legume-Aid increases the yield, improves the quality and enriches the soil. It comes in dust form in moisture-proof packages and no water is needed. One garden packet inoculates up to 5 pounds of Sweet Peas, Lupins, Beans or garden peas. Pkt. 10c, postpaid.

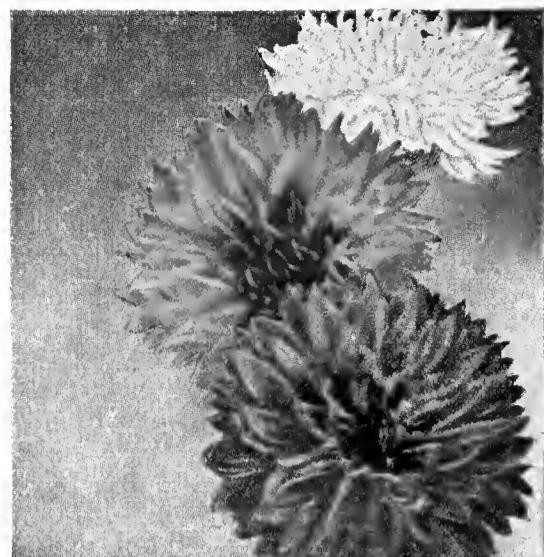
### USE VITAMIN B<sup>1</sup> FOR SWEET PEAS



Giant Snapdragons



Sweet Alyssum



Mixed Bachelor Buttons

## PLANT LIEFGREEN'S FLOWER SEEDS

### General Planting Suggestions

Light, rich loamy soil is best suited to flowers. If the soil is of a heavy nature, add sand or peat moss and a liberal scattering of air-slacked lime to form a better texture. Prepare the soil as fine and smooth as possible. The depth of planting flower seeds is very important. Very fine seeds should be planted on the surface and pressed into the soil, then sprinkle over the surface a light mulch to aid germination. Medium sized seeds should be planted  $\frac{1}{4}$  to  $\frac{1}{2}$  inch deep, while larger seeds such as Sweet Peas, should go deeper. A light mulch should be spread over all seeds planted, as it is the best method of keeping the soil moist and cool. Water with a fine spray to avoid washing the soil from the seeds. When large enough, thin young plants from 2 to 12 inches apart, depending on the variety. Give them plenty of room to develop, allow plenty of moisture and good drainage and the results will surprise you.

### Giant Snapdragon

(Antirrhinum)

**LIEFGREEN'S ARIZONA GIANTS**—Snapdragons are one of the most valuable and decorative flowers. Can be easily grown from seed; thrive in any soil and bloom freely. Plant in the open in the fall or spring months. If cut back during the summer the plants will bloom for several years. We offer the following colors in the tall mammoth flowering types:

**QUEEN VICTORIA**—A magnificent pure white.

**CARDINAL**—A beautiful dazzling scarlet.

**GOLDEN KING**—Giant golden yellow.

**BRONZE HARMONY**—Terra cotta orange, shaded rose.

**ROSE QUEEN**—A beautiful soft pink.

**OTHELLO**—Dark maroon, satin sheen, dark foliage.

Named varieties as above: Pkt. 10c,  $\frac{1}{4}$  oz. 60c, 1 oz. \$2.00.

**LIEFGREEN'S SPECIAL MIXTURE TALL GIANT FLOWERING SNAPDRAGON**—A well balanced mixture of the above colors and many others. Per pkt. 10c,  $\frac{1}{4}$  oz. 40c, 1 oz. \$1.25.

### Liefgreen's GIANT SNAPDRAGON Collection

One each of above 6 named varieties.

6 packets (60c value) 40c, postpaid.



Aquilegia (Columbine)

### African Daisy

(Dimorphotheca Aurantiaca)

This showy annual has become a great favorite on account of its easy culture and beautifully colored flowers. They make a very brilliant effect when used for massing or for borders. Plant during the early fall and winter.

**GOLDEN WEST**—Imp. orange. Pkt. 10c,  $\frac{1}{4}$  oz. 30c, 1 oz. \$1.25.

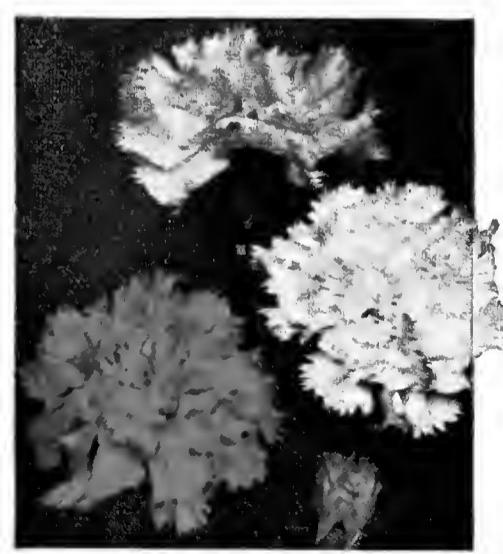
**HYBRIDS**—Mixed colors. Pkt. 10c,  $\frac{1}{4}$  oz. 30c, oz. \$1.25.

**GLISTENING WHITE (New)**—The immaculate dazzling long white petals have at the base a ray of deep violet which is flanked by a second inner ring of orange anthers. The rest of the center is black. Plants are low and spreading, start blooming very early and continue for a long time. Pkt. 15c,  $\frac{1}{8}$  oz. 75c,  $\frac{1}{4}$  oz. \$1.25.

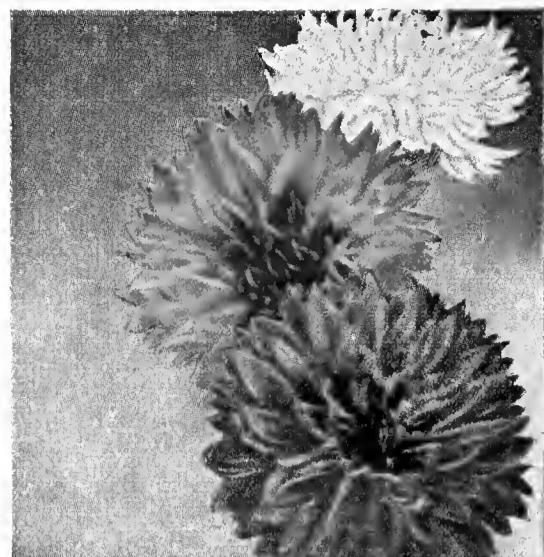
### Anagallis

Small daisy-like flowers in brilliant hues. Fine for borders and massing. Easily grown.

**Grandiflora Mixed**. Pkt. 10c,  $\frac{1}{4}$  oz. 25c, 1 oz. 75c.



Mixed Carnations



### Semi-Dwarf Antirrhinum

(Snapdragon)

About 15 inches tall. A superb new strain which is excellent for all garden purposes and cut flowers. They are free-flowering, bearing dense spikes of exquisite blooms of lasting beauty.

**FASCINATION**—Deep flesh pink.

**LUTEUM SUPERBUM**—Lovely brilliant yellow.

**VICTORY**—Terracotta orange bronze.

**DAZZLER**—Beautiful scarlet, well named.

**WHITE WONDER**—Giant pure white.

Named varieties as above—Pkt. 15c,  $\frac{1}{4}$  oz. 75c.

**MIXED**—A splendid mixture of a wide range of brilliant colors. Pkt. 10c,  $\frac{1}{4}$  oz. 60c.

### Sweet Alyssum

Without a doubt the best border plant we have. Very hardy and blooms throughout the fall, winter and spring months.

**LITTLE GEM**—Very dwarf and a profuse bloomer, making a solid mass of white all winter. Pkt. 10c,  $\frac{1}{2}$  oz. 30c, 1 oz. 50c.

**SAXATILE (Basket of Gold)**—A hardy dwarf variety bearing a profusion of golden yellow flowers. Pkt. 10c,  $\frac{1}{2}$  oz. 40c, 1 oz. 75c.

**LILAC QUEEN**—Good compact habit and a very pretty deep lavender lilac in color. Pkt. 10c,  $\frac{1}{2}$  oz. 40c, 1 oz. 75c.

**DWARF MIXED**—A blend of Little Gem and Lilac Queen which makes a beautiful border. Pkt. 10c, 1 oz. 40c.

### Bachelor Button

(Centaurea)—Commonly called Bachelor Button or Cornflower. Plant during fall and winter months. Very easily grown and a great favorite as a cut flower. Height from 12 to 24 inches. Mixed colors. Pkt. 10c, 1 oz. 40c.

**FLORISTS BLUE**—Pkt. 10c, 1 oz. 60c.

### Browallia (Amethyst)

**ELTA BLUE**—Very free-flowering half-hardy annual, covered with bright blue flowers. Used both for bedding and cutting; height 18 inches. Pkt. 10c,  $\frac{1}{4}$  oz. 40c, 1 oz. \$1.25.

# Beautiful Bouquets from the Home Garden



Calendula, Improved Campfire

## Liefgreen's New Orange Calendula

**IMPROVED CAMPFIRE (Sensation)**—This year we are presenting a vastly improved form of the old favorite Campfire. Its color is well known. A very deep, strong orange with a distinct scarlet sheen on the upper side of petalage as the older type, but are much larger, measuring at least 4 inches in diameter. The strong plants produce generously and the flowers have long heavy cutting stems. Pkt. 15c, 1/4 oz. 30c, 1/2 oz. 50c, 1 oz. 90c.

## Calendula (Pot Marigold)

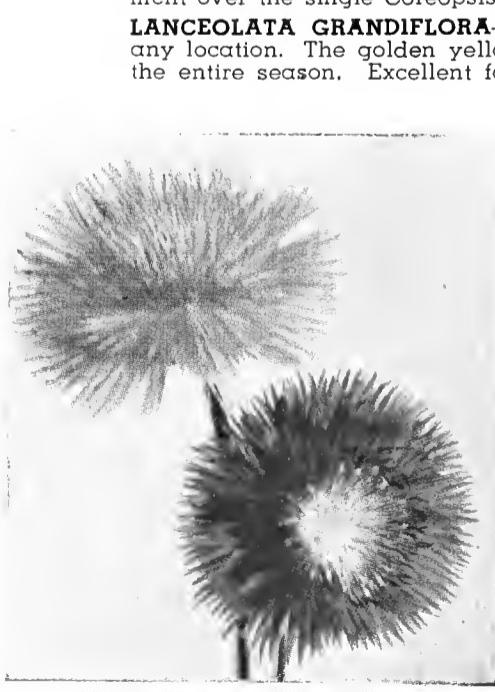
**(POT MARIGOLD)**—Height 12 to 18 inches. One of our most popular winter and spring flowers and very easily grown. Valuable as a cut flower. Plant from September throughout the winter months. Space plants about 12 inches apart.

**CALENDULA CHRYSANTHA**—Chrysanthemum flowered. The name Calendula Chrysanthia is well adapted to this large flower, of a cheerful, exquisite shade of buttercup yellow, and it is an outstanding addition to the Calendula family. Pkt. 10c, 1/2 oz. 40c, 1 oz. 75c.

**CALENDULA SHAGGY**—Orange colored Shaggy. The petals are long, deeply fringed or laciniated. Row upon row of these informal petals



Dianthus, Single Mixed



Sweet Sultans, Mixed Colors

overlap each other, forming a shaggy-like flower of surpassing beauty. In color, it is a warm, deep orange. Pkt. 10c, 1/2 oz. 40c, 1 oz. 75c.

**LIEFGREEN'S ORANGE KING**—A splendid Calendula. Bright orange red with dark center. Flowers fully 3 inches in diameter when properly grown. Pkt. 10c, 1 oz. 40c.

**LEMON QUEEN**—Like Orange King excepting the color is pure lemon. Pkt. 10c, 1 oz. 40c.

**RADIO**—A novel and attractive addition to Calendula group. Deep orange in color with petals evenly and prettily frilled. Pkt. 10c, oz. 50c.

**CAMPFIRE**—A superb variety, color deep fiery orange. Pkt. 10c, oz. 75c.

**DOUBLE MIXED CALENDULA**—A splendid mixture of the various shades of lemon and orange. Pkt. 10c, 1 oz. 30c.

ALL FLOWER SEEDS ARE SENT POSTPAID

## Columbine

**(AQUILEGIA)**—A hardy perennial of graceful habit, growing about 2 ft. high. The flowers are attractive and beautifully adapted for cut flowers. They may be successfully grown in partial shade. Fall sown seed will bloom the following spring. Thrives well in Arizona. Double Mixed. Pkt. 10c, 1/8 oz. 40c.

## Carnation

Plant from September until April. Cover the seed lightly and protect until established. Transplant to about 12 inches apart in permanent location. Light shade is best suited to Carnations.

**MARGUERITE MIXED**—18 inches, mostly double flowers. Pkt. 10c, 1/4 oz. 60c.

## Canterbury Bells

2 to 2 1/2 feet. A hardy perennial. Will bloom the first spring if planted early in the fall. Mixed colors. Pkt. 10c.

## Calliopsis

Height 2 to 3 feet. Showy and beautiful, free flowering annual of easy culture, thriving in most any location, and blooms all summer. Excellent for cutting and massing. Plant from September to May.

**BICOLOR DWARF MIXED**—Pkt. 10c, 1 oz. 40c.

## Candytuft

One of our best plants for edging, bordering and for cutting. A hardy annual bearing large flower clusters during the spring season. Plant from September throughout the winter and early spring months. Height about 12 to 18 inches.

**UMBELLATA**—White, lavender, pink, crimson, mixed. Pkt. 10c, oz. 40c. One each of the above 4 colors of Candytuft 30c.

## Chrysanthemum

Annual. A very showy mixture containing the most popular shades. Plant during early spring months.

**DOUBLE MIXED**—Pkt. 10c, 1 oz. 45c.

## Coreopsis

Very hardy, growing in most any location. Sow seed in the fall and throughout the winter months. Blooms throughout the summer months.

**NEW DOUBLE COREOPSIS, SUNBURST**—Fully double, a great improvement over the single Coreopsis. Pkt. 10c, 1/2 oz. 75c.

**LANCEOLATA GRANDIFLORA**—Single. Very hardy, growing in most any location. The golden yellow flowers continue to bloom throughout the entire season. Excellent for cutting. Pkt. 10c, 1 oz. 50c.

## Centaurea Moschatos

**(SWEET SULTAN)**—The large thistle-like blossoms are borne on long strong stems; when cut will last in good condition for several days; 2 1/2 feet tall. Sow in the fall or winter months so that they may perfect their flowers before very hot weather comes. **Mixed colors**—Pkt. 10c, 1/4 oz. 25c, 1 oz. 75c.

## VIGORO

(COMPLETE PLANT FOOD)

Inexpensive—Just a Few Pounds of Vigoro Will Make Your Garden Look Like a Million!

Use Vigoro this year! It costs little and goes far—4 lbs. properly feeds 100 square feet of lawn or garden area. We recommend clean, odorless Vigoro. Prices: Sealed pkgs., bags: 1 lb. 10c; 5 lbs. 45c; 10 lbs. 85c; 25 lbs. \$1.50; 50 lbs. \$2.50; 100 lbs. \$4.00, f.o.b. Phoenix.

# All Liefgreen's Flower Seeds Are Shipped Postpaid

## Clarkia

An annual of easy culture and very hardy. Thrives in sun or shade. Plant in fall or spring. Height, 18 inches. Double and Single Mixed—Pkt. 10c, oz. 60c.

## Dahlia

Sow seeds in beds and transplant to permanent location. Double Mixed—Pkt. 25c.

## Digitalis

(FOXGLOVE)—Particularly adapted to the higher altitudes of Arizona. Will do well in warmer climates when planted in partial shade. Pkt. 10c, 1/4 oz. 30c, 1 oz. 75c.

## Painted Daisies

(ANNUAL CHRYSANTHEMUM)—These hardy annuals are very showy and effective garden varieties. They grow to a height of about 2 1/2 feet, producing a profusion of very lovely daisy-like flowers. They are easily grown, excellent for cutting purposes. Plant during fall months. All colors—Pkt. 10c, oz. 45c.

## Shasta Daisy

ALASKA—This is the finest variety. The flowers are very large and splendid for cutting. Plant in early fall or spring. Pkt. 10c, 1/8 oz. 40c.

GIANT DOUBLE SHASTA DAISY (Diener's Strain)—Very large and mostly double. New and unusual. Pkt. 25c.

## Double Daisy

(BELLIS PERENNIS)—Blooms freely in cool weather. Excellent for border, as it grows about 4 inches high. Plant early in the fall. Mixed colors—Pkt. 10c, 1/8 oz. 60c.

## Dianthus

(CHINESE PINKS)—Hardy annuals, bearing beautifully colored single and double blossoms. Grows about 12 inches high. Plant early in the fall in rows where plants are to remain, and thin.

DOUBLE HEDDEWIGI MIXED—Pkt. 10c, 1/2 oz. 50c.

SINGLE HEDDEWIGI MIXED—Pkt. 10c, 1/2 oz. 40c.

## Delphinium

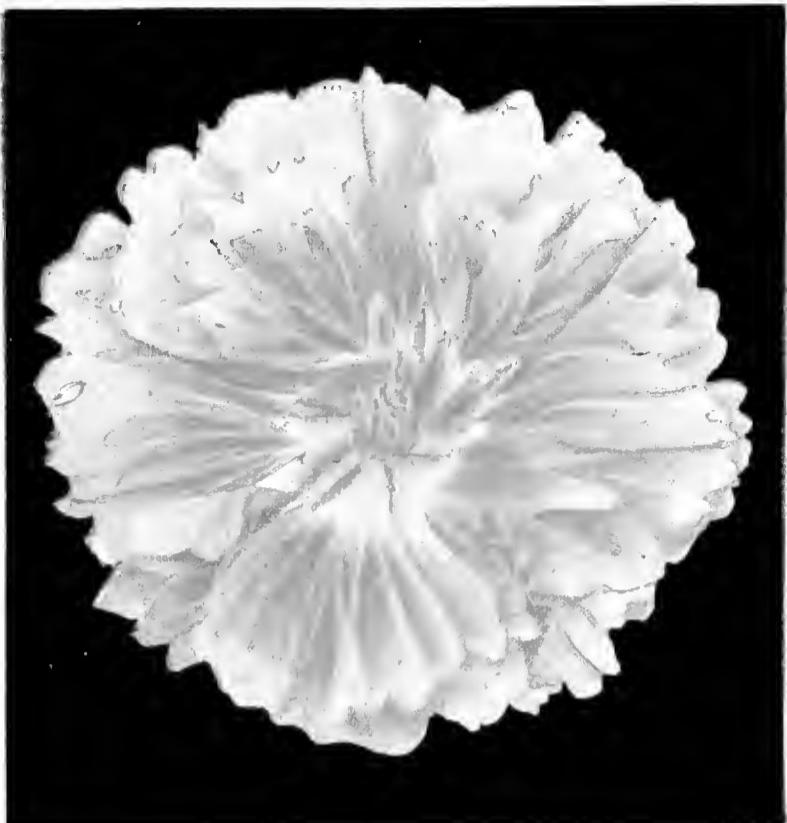
(PERENNIAL LARKSPUR)—Beautiful hardy border perennials with noble spikes of handsome flowers; very useful for cut flowers, etc. Sow in the early fall in the open ground.

GOLD MEDAL HYBRIDS—The finest hybrids to be found in Delphinium and all the lovely blues, lavenders and mauves are in this mixture. The plants are vigorous growers, producing full, handsome spikes. Pkt. 15c, 1/8 oz. 75c.

DELPHINIUM BELLAMOSUM—A deep royal blue variety. The finest of the dark blue sorts. Per pkt. 15c.

## Evening Primrose

A tall growing plant bearing an abundance of large yellow flowers which expand in the evening. May be planted in partial shade. Sweet scented. Pkt. 10c, 1 oz. 25c.



Hollyhock, Indian Spring

## Gaillardia

There is nothing more admired for their rich blending of colors than the Gaillardia. They thrive everywhere and their colors are very gorgeous. Will bloom all summer. Single and Double Mixed. Pkt. 10c, 1 oz. 75c.

THE DAZZLER—A charming new single Gaillardia of immense size. Pkt. 15c, 1/4 oz. 50c.

INDIAN CHIEF—Large flowered single. Metallic bronzy red with mahogany-brown center. Showy and exceptionally rich coloring. Pkt. 10c, 1/4 oz. 25c, 1/2 oz. 40c, 1 oz. 75c.

## Godetia

TALL DOUBLE MIXED—Quick growing and profuse flowering hardy annual of showy colors. Easily grown. Sow seed early in open ground in the fall months. Pkt. 10c, 1 oz. 50c.

## Gypsophila

(BABY BREATH)—Pretty, free flowering elegant plants, succeeding in any garden soil. Their misty white panicles of bloom are largely used for mixing with other cut flowers. Sow during fall and winter months.

ELEGANS GRANDIFLORA—Pure white. Per pkt. 10c, oz. 25c.

ELEGANS CARMINE—A beautiful deep carmine color. Fine for cutting and bouquets; very lasting. Plant same as white. Pkt. 10c, 1 oz. 35c.

## Geranium

Geraniums will bloom the first year from seed if planted early in the fall. Our mixture contains numerous shades of color, including many of the newest sorts. Pkt. 15c.

## Gerbera

JAMESONII HYBRIDS—Large daisy-like blossoms with flower stems rising to a height of about 2 feet. Is also called Transvaal Daisy. Colors range from white to crimson, pink, rose, yellow and lilac shades. Start carefully under a light mulch in a sandy, well-drained soil. Pkt. 25c.

## Geum

MRS. BRADSHAW—DOUBLE RED—A beautiful hardy perennial producing flowers in profusion all summer. An excellent keeping cut flower, having long stems. Large bright orange scarlet double flowers. Pkt. 15c.

## Lobelia

CRYSTAL PALACE—Undoubtedly the finest dwarf blue Lobelia for bedding. Plants very compact, profusely covered with rich blue flowers. Height 4 inches. Plant during fall months. Pkt. 10c.

## Hollyhocks

One of the most majestic and desirable of hardy perennial plants, and a group or line in any garden gives an effect not obtainable with any other flower.

EXTRA DOUBLE FLOWER MIXED—Seed for this mixture is saved from the very finest extra double flowers only. The best and most gorgeously colored. Pkt. 10c, 1/4 oz. 50c.

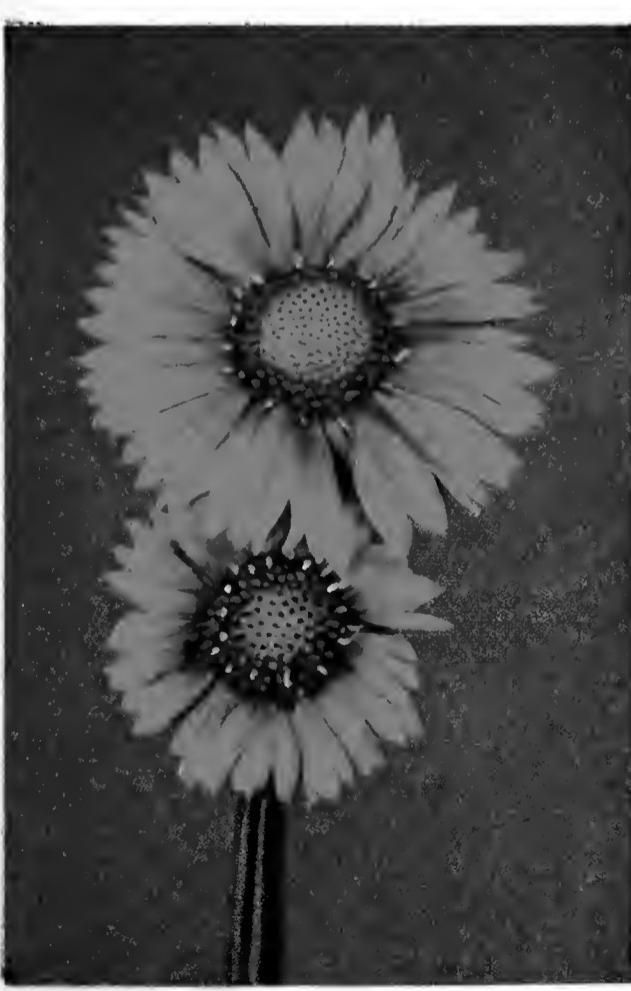
HOLLYHOCK CHATERS—Superb double, Separate colors in Newport Pink, White, Yellow and Crimson. Pkt. 10c, 1/4 oz. 75c.

HOLLYHOCK INDIAN SPRING—Silver Medal, All-America Selections, 1939. Semi and double flowers of bright rose and rosy carmine. Its many flowered branches produce a continuous show until frost. Sow fall or early spring. Flowers 5 months from seed. Pkt. 15c, 1/8 oz. 70c, 1/4 oz. \$1.25.

## Linum

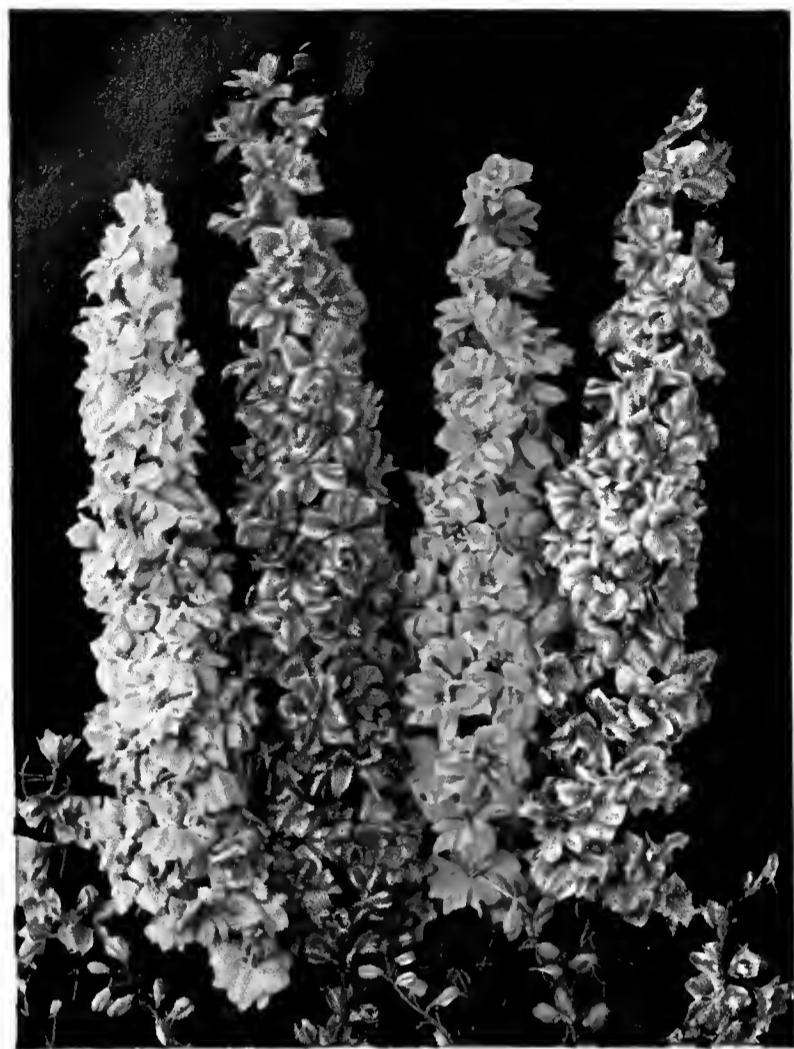
GRANDIFLORUM RUBRUM (Scarlet Flax)—A hardy annual of slender and graceful appearance with fine foliage and bright red flowers. It makes beautiful beds or borders and is largely used for mass display. Scarlet Flax makes a fine fall and winter flower, blooming profusely for several months. May also be sown in spring. Height 1 1/2 to 3 feet. Pkt. 10c, oz. 40c, 1/4 lb. \$1.00.

PERENNE (Blue Flax)—Slender growing hardy annual producing a profusion of light blue flowers. Height 2 1/2 ft. Pkt. 10c, oz. 50c.



Gaillardia, The Dazzler

# Plant Liefgreen's Tried and Tested Seeds

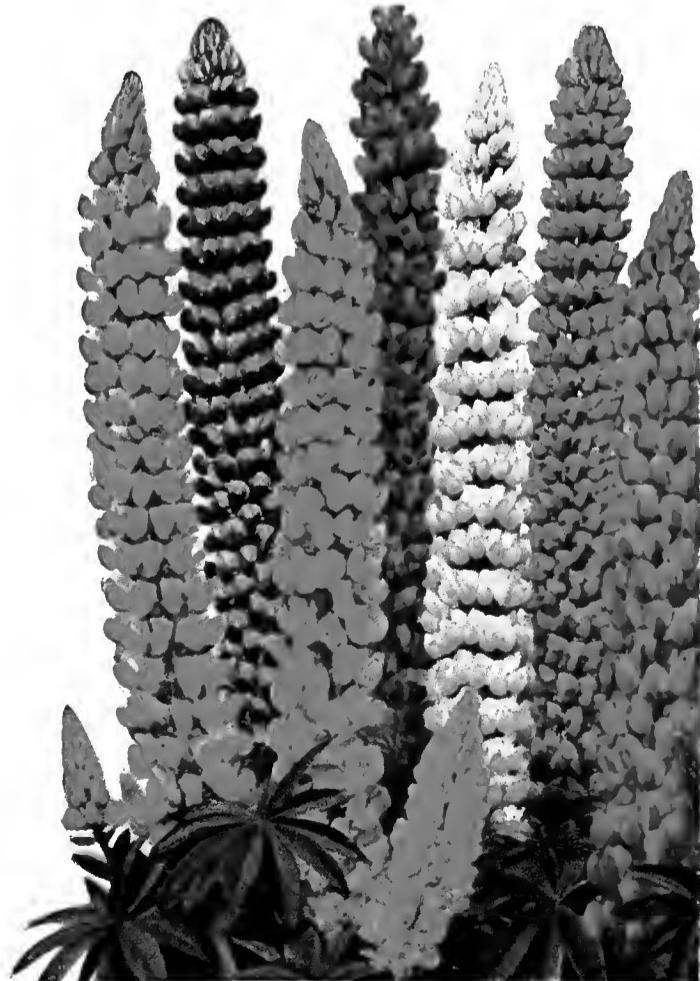


Larkspurs, Giant Imperials

## Giant Imperial Larkspurs

A greatly improved strain of the Double Stock-Flowered Larkspur, of upright habit and branching from the base.

SUPERB MIXED—Pkt. 15c, 1/4 oz. 30c, 1/2 oz. 50c, oz. 90c.



Russell Lupins

## Larkspur

LIEFGREEN'S GIANT DOUBLE STOCK FLOWERED—This is the finest strain of Larkspur in existence. The flowers are very double and are produced on long stems which makes them excellent cut flowers.

LIGHT BLUE—Clear azure blue. LILAC—Improved deep lilac.

DARK BLUE—(Purple)—Intense blue. WHITE—Pure glistening white.

ROSE—Scarlet.

LUSTROUS CARMINE—A beautiful glowing carmine. Produces large flowers on long graceful stems, making very attractive bouquets. Above separate colors: Pkt. 10c, 1/4 oz. 25c, oz. 75c.

MIXED—All of the above in a grand mixture. Pkt. 10c, 1/4 oz. 25c, oz. 75c.

## Linaria

(BABY SNAPDRAGONS)—A pretty garden annual deriving its name from its resemblance to the Snapdragon. Easily grown and are attractive as cut flowers. Plant during the fall, winter and spring months. Height 2 feet. Our mixture is made up of blue, rose, lavender, yellow, etc. Pkt. 10c, oz. 50c.

## Lupin

One of the most attractive and easiest grown flowers. The plants grow 2 to 5 feet high and have handsome spikes of flowers which are fine for cutting. If the plants are not allowed to go to seed they flower for several months in the spring. Plant during the fall, winter and spring months. Plants should be thinned out to about 12 inches apart, as they grow quite large.

HARTWEIGI—Dark Blue, Sky Blue, Roseous Pink and Mixed Colors. Pkt. 10c, oz. 30c.

RUSSELL'S PRIZE MIXTURE—Long magnificent spikes in a superb range of colors. The finest and most beautiful strain of Lupins grown. Pkt. 20c, 1/8 oz. 50c.

## Mignonette

A hardy annual growing from 6 to 12 inches high. Can be grown in shady places. Plant during the fall, winter and spring months.

GIANT MACHET, Mixed—Pkt. 10c, oz. 30c.

## Nemophila

(BABY BLUE EYES)—Nice for carpet bedding, growing about 6 inches high. Blossoms cup-shaped.

INSIGNIA BLUE—Pkt. 10c, oz. 30c.

## Nigella

Hardy annual 1 foot high, oddly shaped blossoms, elegant foliage. Sow during fall and winter months.

MISS JEKYLL—A long-stemmed sort with beautiful cornflower-blue blossoms.

Pkt. 10c, 1/2 oz. 25c, oz. 40c.

## Nierembergia Hippomanica

The flowers are a lovely lavender blue shade, heightened by a touch of yellow in the center. Plants are dwarf and compact, about 5 or 6 inches tall. Foliage is light gray green, very inconspicuous. Literally hundreds of flowers in bloom at a time throughout the summer. At all times neat and tidy looking. Excellent as an edging plant and lovely in a window box or in flower pots. Pkt. 25c, 5 pkts. for \$1.00.

## Pansies

To have Pansies at their best the seed should be planted during the fall months in a semi-shaded location or in flats and when large enough transplanted where they are wanted to bloom. Plant in rich soil and water liberally. The flowers should be kept picked to prolong the blooming period.

PANSY, GOOD MIXED—Flowers of medium size and beautiful in color. Pkt. 15c, 1/4 oz. 50c.

PANSY, LIEFGREEN'S SWISS GIANT MIXED—A mixture consisting of a selection of giant flowering varieties. The flowers are very showy and the plants of vigorous compact growth. A very fine strain. Pkt. 25c, 1/16 oz. 60c, 1/4 oz. \$2.00

## Petunias

For garden culture few flowers equal the Petunia in effectiveness. They are especially beautiful for borders and solid beds. They commence blooming early and will bloom throughout the spring and fall months. Start planting in September and throughout the winter and spring months. Scatter the seed thinly on an even surface and cover with a light layer of sand or manure mulch. Thin out plants to allow sufficient room.

PETUNIA, IMPROVED "ROSY MORN"—Lovely clear pink color contrasted by a broad white throat. Pkt. 15c, 1/8 oz. 60c.

PETUNIA, GENERAL DODDS—A rich, blood-red. The flowers are large and free blooming. Pkt. 15c, 1/8 oz. 35c, 1/4 oz. 60c.

PETUNIA, SINGLE, MIXED COLORS—A good Petunia for massing in beds and borders. Pkt. 10c, 1/4 oz. 45c.

PETUNIA, TOPAZ ROSE—At last we have the much desired hybrida rose Petunia which will not fade or burn under the hottest sun. Topaz Rose is a fiery velvety rose of a brilliancy seldom seen. It is slightly suffused with gold which gives it its fiery appearance. Throat is the color of topaz. Pkt. 20c, 1/16 oz. 50c, 1/8 oz. 85c.

PETUNIA, BLUE BEDDER—A beautiful blue. Pkt. 15c, 1/8 oz. 60c, 1/4 oz. \$1.00.

PETUNIA, HYBRIDA WHITE—Lovely, pure satiny white flowers are produced in the greatest profusion. Nice if planted to itself or used in combination with other varieties. Pkt. 15c, 1/8 oz. 35c, 1/4 oz. 60c.

PETUNIA HYBRIDA, HOWARD'S STAR—Velvety purple with five-pointed pure white star. Pkt. 10c, 1/8 oz. 40c.

PETUNIA, NANA ERECTA VIOLENCEA—A fine deep violet. Is like velvet and the plant growth erect and compact. Pkt. 15c, 1/8 oz. 40c, 1/4 oz. 70c.

PETUNIA HYBRIDA, HOLLYWOOD STAR—(All-America Selections) A most distinctive novelty with five-pointed, star-shaped flowers of bright rose-pink, set off by creamy yellow throats. A very fine garden variety as it is early and free blooming, and the strong vigorous plant is so smothered with blooms that hardly any foliage shows. Pkt. 25c, 5 pkts. \$1.00.

PETUNIA, BURGUNDY—Most unusual and valuable color, deep Burgundy red enhanced by a rich velvety sheen; glistening white throat veined purplish red. All-America Special Mention. Pkt. 25c, 5 pkts. \$1.00.

# Liefgreen's Quality Seeds Assure Successful Gardens

## Minicature or "Gem" Petunias

### NANA COMPACTA

A very symmetrical, dwarf, compact habit of growth, forming a perfect ball effect and literally smothered with blooms. Exceptionally fine for borders, formal beds, rock gardens, pot plants. Height 6-9 inches.

**BETSY ROSS**—The color of Betsy Ross is red and white, with the white blending to golden and the red blending to very deep red in the throat. This color combination creates a decidedly gay effect. Plants uniform and compact, completely covered with well ruffled blooms which have a good open throat. Excellent as a pot plant. Pkt. 25c, 5 pkts. for \$1.00.

**PETUNIA GRANDIFLORA NANA COMPACTA, VELVET BALL**—(All America Selections) An entirely new color in this streamlined type of Petunia.

The compact plants reach a height of about 8 inches with a spread of only 8 to 10 inches, and are almost entirely covered by flowers about 2½ inches in diameter of a luscious deep velvety blood-red shade. Makes a beautiful pot plant as well as being ideal for beds or low borders. Pkt. 25c, 5 pkts. \$1.00.

**MARTHA WASHINGTON**—Lovely frilled blooms about 3 inches in diameter. Frilled portion of flower is a beautiful blush pink and center portion is strongly veined a rich wine red, deepening in throat to dark violet. Height 8 inches. Pkt. 25c, 5 pkts. \$1.00.

**PINK GEM**—Exceptionally attractive light pink. Height 6 inches. Pkt. 15c, 1/16 oz. 45c, 1/8 oz. 75c.

**ROSE GEM**—Rich deep rose colored flowers 2 inches in diameter. Height 6 inches. Pkt. 15c, 1/16 oz. 45c, 1/8 oz. 75c.

**PETUNIA, GIANTS OF CALIFORNIA (Fringed and Ruffled)**—Finest large flowering strain of single Petunias. Magnificent flowers of extra large size, often measuring 5 inches in diameter, with very deep throat beautifully veined to the base. Mixed colors. Pkt. 25c, 5 pkts. \$1.00.

## Pyrethrum

**ROSEUM SINGLE MIXED**—Perennial 2 feet high, with large Marguerite-like flowers and fine fern-like foliage. Graceful and long lasting cut flowers. Pkt. 10c, 1/8 oz. 40c.

## Phlox Drummondii

Showy and most easily raised of all annuals. Produces a continuous supply of attractive flowers in a most wonderful range of colors. Sow seed in the fall months for blooming throughout the spring months.

**CRIMSON**—Beautiful shade of rich crimson.

**VIOLET**—Uniform, bright violet-blue.

**FLESH PINK**—Bright chamois-pink, lovely.

**WHITE**—Large, pure glistening white.

**LIEFGREEN'S SPECIAL MIXTURE**—Contains a mixture of varieties that will delight you. All the tints of the rainbow, with veins and eyes of contrasting shades. All of the above: Pkt. 10c, 1/4 oz. 60c.

**SPECIAL COLLECTION — 30c postpaid  
ONE OF EACH COLOR (4) VALUE 40c**

## New Phlox Gigantea

**ART SHADES MIXED**—Exceptionally large size and a definitely new trend in color tones are the two most striking features in this splendid new strain. Individual flowers fully twice the size of ordinary Annual Phlox, the increase being so marked as to give the flowers a distinctly new appearance. Pkt. 15c, 1/8 oz. 75c, 1/4 oz. 75c.

**SALMON GLORY**—This beautiful new Phlox is one of the outstanding novelties of the year. Individual florets are gigantic for Phlox, measuring under ordinary field culture 1 1/4 to 1 1/2 inches in diameter. Color is a pure salmon pink with a distinct creamy-white eye. This gives a clear, crisp appearance and makes one of the most beautiful color combinations we have ever seen. Pkt. 20c, 3 pkts. 50c.

## Arizona Poppy—Rainbow Group

A mixture of many different shades of brilliant poppies of the Desert and Tulip types. Will cover a large space. Pkt. 10c, oz. 50c.



California Poppy, Golden West



Petunia, Giants of California

## Poppies

Probably no class of plants enjoys a greater popularity and is more widely grown than the Poppies. The wonderful range of brilliant colors is well known. The poppies are quite hardy and the seed should be sown during the fall months in a location where the plants are to flower as they do not transplant easily.

**GLAUCUM (Tulip Flowered)**—Beautiful variety, producing flowers of the most vivid scarlet, effective for beds or masses. Annual Pkt. 10c, 1 oz. \$1.00.

**CALIFORNIA POPPY, GOLDEN WEST**—Yellow, with orange center. Large flower. Pkt. 10c, 1/2 oz. 35c.

**CALIFORNIA POPPY, BRILLIANT MIXED**—A mixture of all the various shades. This mixture makes a very beautiful display of color. Pkt. 10c, oz. 50c.

**GIANT SHIRLEY POPPY, SINGLE MIXED**—No flower is so exceedingly graceful and decorates our gardens with such brilliancy of color as this poppy. Plants about 18 inches tall. Pkt. 10c, 1/2 oz. 25c, oz. 40c.

**SHIRLEY, DOUBLE MIXED**—Pkt. 10c, 1/2 oz. 30c, oz. 50c.

**SHIRLEY SINGLE, WHITE**—Beautiful and unusual. Plant a bed of all white Shirley Poppies. Pkt. 10c, 1/2 oz. 40c, oz. 75c.

**PEONY-FLOWERED**—Imposing double globular flowers resembling double Peonies. Splendid range of colors. Mixed. Pkt. 10c, 1/2 oz. 25c, oz. 40c.

**PEONY-FLOWERED DOUBLE**—In the following colors: Shrimp Pink, Cardinal Red, Pansy Violet. Pkt. 10c, oz. 50c.

## Oriental Poppies

**ORIENTAL RED**—Pkt. 10c, 1/4 oz. 50c.

**ORIENTAL NEW HYBRIDS MIXED**—Immense fine flowers in rich vivid shades. Pkt. 15c, 1/4 oz. 60c.

## Iceland Poppies

Graceful and hardy. Green-like foliage, formed in tufts, from which issue slender stalks about 15 inches high, bearing brilliant flowers in endless profusion. Sow during fall months for spring blooms. Mixed colors. Pkt. 10c, 1/2 oz. 60c.

## Hunnemannia

**(MEXICAN OR GIANT YELLOW TULIP POPPY)**—Height 2 ft., bushy. A perennial, flowering the first year from seed and blooming through the greater part of the season. The poppy-like flowers are similar to the California poppy but of a lighter canary yellow. They are excellent for cutting, keeping a long time in water.

**GIANT SINGLE**—Magnificent golden yellow flowers with orange anthers. Pkt. 10c, 1/4 oz. 25c, 1/2 oz. 40c.

**SUNLITE**—Gorgeous semi-double, clear canary yellow blooms. The extra rows of short petals are on the outside instead of the inside of the tulip-shaped flowers. Light gray-green foliage. Pkt. 15c, 1/4 oz. 50c, 1/2 oz. 85c.



Liefgreen's Giant Pansy

# Plant Liefgreen's Tried and Tested Seeds



Giant Hybrid Verbenas

## Queen Anne's Lace Flower

This hardy annual grows to a height of 3 to 4 feet. The large loosely formed terminal clusters of tiny white flowers are used extensively as cut flowers. Plant during the fall and early winter months. Pkt. 10c, 1/4 oz. 25c, oz. 75c.

## Salpiglossis

Very showy bedding or border plants, with richly colored, funnel-shaped flowers, which are purple, scarlet crimson, yellow, buff, blue and almost black. Height 2 1/2 feet.

**SUPERBISSIMA MIXED**—Containing many lovely color combinations. Pkt. 10c, 1/4 oz. 35c.

## Scabiosa

(MOURNING BRIDE OR PINCUSHION FLOWER)—Hardy annual of easiest culture. Profusion of flowers in exquisite shades on long, wiry stems; cut flowers keep in good condition for a long time; 2 1/2 feet high. Deserving a place in every garden, blooms profusely. Plant in the fall months. Thin or transplant to about 12 inches apart.

AZURE FAIRY—Blue. Pkt. 10c, 1/4 oz. 30c.  
GRANDIFLORA WHITE—Pkt. 10c, 1/4 oz. 30c.  
GRANDIFLORA CRIMSON—Pkt. 10c, 1/4 oz. 30c.  
GRANDIFLORA ROSE PINK—Pkt. 10c, 1/4 oz. 30c.  
MIXED COLORS—Pkt. 10c, 1/4 oz. 25c.

## Double Stocks

The Stock is one of our most popular winter flowers. The plants will go through the winter uninjured by frost and will bloom from early spring well on into the summer months. The Giant Imperial is the very latest improvement in Stocks, throwing fully 85 per cent of double flowers. Sow the seed in the fall in the open ground or in flats. In thinning out, remember that the weak and delicate plants are those which usually throw the best double flowers.

**GIANT DOUBLE IMPERIAL STOCKS**—This wonderful new strain of Stocks is of branching habit, making it possible to break long branches of flowers from the main stalk without injuring or destroying the beauty of the plant. The flowers are large and many of them on a stem. The sweet perfume of the Stocks make them most desirable for garden or for vases.

IMPERIAL BLOOD RED.

IMPERIAL CHAMOIS—Ivory, tinted rose.

IMPERIAL DARK BLUE—Near purple.

IMPERIAL LAVENDER—Light lavender.

IMPERIAL ROSE—Deep rose pink.

IMPERIAL WHITE—Pure white.

IMPERIAL GOLDEN ROSE—Rose, golden sheen, a beautiful flower.

IMPERIAL YELLOW—Pure yellow.

Each of the above separate colors: Pkt. 15c., 1/8 oz. 75c.

**IMPERIAL MIXED**—All colors mixed. Pkt. 10c., 1/8 oz. 50c.

SPECIAL DOUBLE STOCK COLLECTION  
ONE EACH OF ABOVE 8 VARIETIES, 90c

## Sweet William

(DIANTHUS BARBATUS)—A well known, attractive, free-flowering hardy perennial, producing a splendid effect in beds and borders with their rich and varied flowers. Of easy culture. Best planted in the fall months. Height 1 to 1 1/2 feet.

**DOUBLE MIXED**—All colors. Pkt. 10c, 1/4 oz. 35c.

**SINGLE MIXED**—All colors. Pkt. 10c, 1/4 oz. 25c.

All Flower Seeds Are Sent Postpaid.

## Liefgreen's Verbenas

Plant during the spring and fall months. Plant shallow and cover the seed bed with a light silt or manure mulch. To aid germination keep the seed bed moist until the plants are well out of the ground. Thin out or transplant to allow plants plenty of space for expansion. Verbena will hold over the summer nicely, but should be trimmed back in the fall to induce new growth.

## Giant Hybrid Verbenas

Splendid new selections with individual flowers of surprisingly large size and exquisite colors. The plants are unusually vigorous and the immense flower trusses freely produced.

**SPECTRUM RED** (New)—Very large brightest red of all.

**GIANT SALMON PINK**—Huge clusters.

**VIOLACEA STELLATA**—Deep purple with white eyes.

**WHITE**—Pure white.

Any of the above: Pkt. 15c, 1/8 oz. 50c, 1/4 oz. 85c.

**GIANT FLOWERING FINEST MIXED**—Pkt. 15c, 1/8 oz. 35c, 1/4 oz. 65c.

## Mammoth Verbenas

Beautiful large-flowered varieties extensively used for bedding, borders, etc., and keeping well when cut for table decoration, vases.

**LUCIFER**—Solid scarlet, no eye. Pkt. 10c, 1/4 oz. 50c, oz. \$1.50.

**LUMINOSA**—Beautiful pink. Pkt. 10c, 1/4 oz. 50c, oz. \$1.50.

**DEEP PURPLE**—Pkt. 10c, 1/4 oz. 50c, oz. \$1.50.

**WHITE**—1/4 oz. 50c, oz. \$1.50.

**GOLDEN QUEEN**—Yellow. Pkt. 10c, 1/4 oz. 50c, oz. \$1.50.

**MAMMOTH MIXED**—Pkt. 10c, 1/4 oz. 40c, oz. \$1.25.

**ONE EACH OF THE ABOVE FIVE MAMMOTH COLORS**, 40c. Postpaid.

## Virginian Stocks

Very attractive hardy annual, producing a welcome supply of bright colors in the spring and early summer. Sow seed in the fall and winter months. Largely grown in beds and borders. Height 6 to 12 inches.

**CRIMSON GEM**—An erect, compact variety. Very dwarf. Pkt. 10c, 1/4 oz. 25c, oz. 75c.

**ROSE**—Bright rose turning to lavender. Pkt. 10c, 1/2 oz. 25c, oz. 45c.

**YELLOW**—Pkt. 10c, 1/2 oz. 25c, oz. 45c.

**WHITE**—pure white. Pkt. 10c, 1/2 oz. 25c, oz. 45c.

**MIXED COLORS**—Pkt. 10c, 1/2 oz. 20c, oz. 35c, 1/4 lb. \$1.00.

## Wallflower

Wallflowers should be better known. Their adaptability for outdoor bedding and the peculiar sweet fragrance of their flowers should win favor. The oriental coloring of the flowers in their rich reds and yellows is very effective. They are easily grown and last long as cut flowers. Pkt. 10c.

## Wild Flower Mixture

A splendid mixture of true annual wild flowers so blended as to give succession of blooms from early spring to mid-summer. They may be planted from fall to early spring—longer bloom resulting from fall planting.

**WILD FLOWER MIXTURE**—A fine mixture of many species. Pkt. 10c, oz. 45c, 1/4 lb. \$1.65, lb. \$5.00.

All Flower Seeds Are Sent Postpaid.

Stocks, Double Giant Imperial



## Schizanthus

Very beautiful and interesting annuals. This is one of the easiest annuals to raise from seed. Sow in the open where plants are to flower. Exceptionally beautiful when in full bloom and literally covered with small orchid-like flowers.

**GRANDIFLORA MIXED**—Pkt. 10c, oz. 75c.

## Venidium

This plant thrives in Arizona where the climate is similar to its natural habitat. Flowers grow to 4 or 5 inches in diameter. They stand well above the foliage and effect colorful displays. Sow seeds in the open ground where they will obtain full sun.

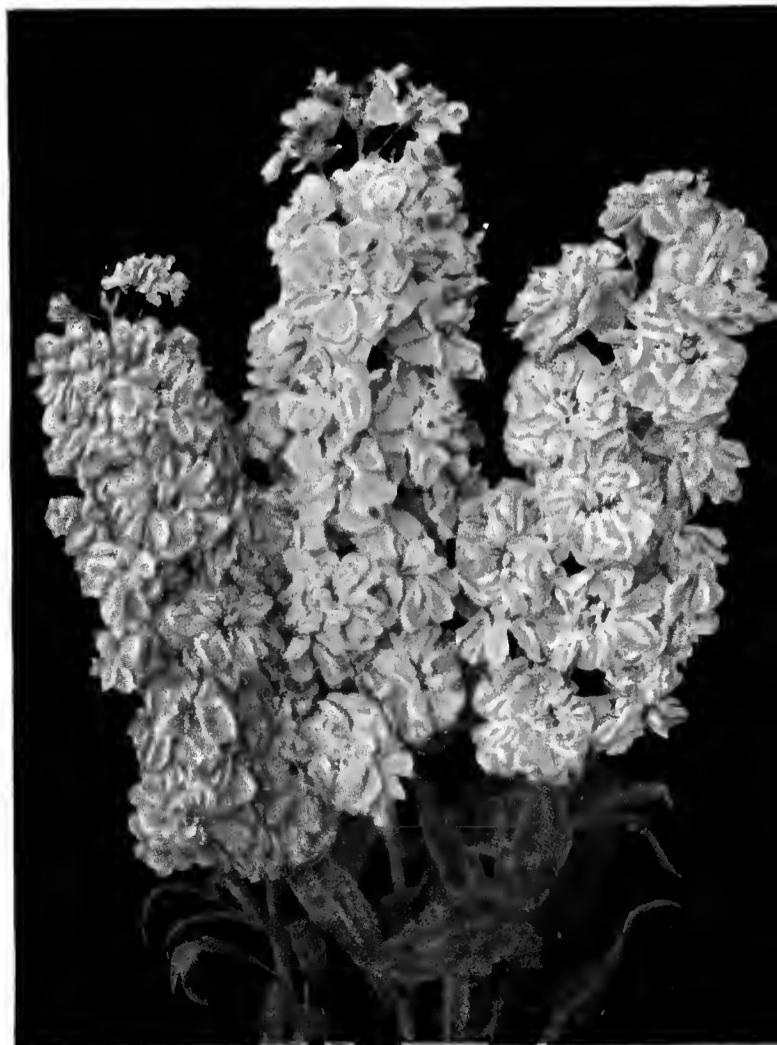
**VENIDIUM FASTUOSUM**—Large orange-yellow daisy-like flowers, with a large purple-black center. Height 2 feet. Pkt. 15c, 1/8 oz. 75c.

**VENIDIUM HYBRIDS**—Beautiful shades of apricot, white, salmon, yellow and orange. Pkt. 15c, 1/8 oz. 75c.

## Vinca Rosea

(PERIWINKLE) — Ornamental free-blooming plants with dark foliage and handsome pink and white flowers. The seed germinates slowly. Sow in the fall and spring months.

**MIXED COLORS**—Pkt. 10c, 1/4 oz. 40c.



# 1940 Vegetable Seeds

Carefully Tested and Selected for Home  
Gardens and Market Gardeners

## Asparagus

**PALMETTO**—Light Green, very popular. Pkt. 5c, oz. 15c,  $\frac{1}{4}$  lb. 30c, 1 lb. 80c, 10 lbs. \$7.00. Postpaid.

**SELECTED MARY WASHINGTON**—A new Giant rust-proof variety. Pkt. 5c, oz. 15c,  $\frac{1}{4}$  lb. 35c, 1 lb. \$1.00. Postpaid.

## Asparagus Roots

Plant one year old roots and do not cut them back. When planting see that the roots are well spread out so that the soil will touch every part. If this is not done the plant cannot thrive. **MARY WASHINGTON ROOTS**—35c per doz., \$2.00 per 100. Postpaid.

Ask for quantity prices.

## Cabbage

**CULTURE:** In the warm sections of Arizona, seed should be planted during July and August, in shaded beds, for Fall crop. Also during the Fall and Winter months for Spring harvest. Six ounces will produce plants for 1 acre when transplanted. If drilled in rows and thinned out, 3 to 5 pounds per acre is required.

**GOLDEN ACRE CABBAGE**—Selected Danish Import—One of the earliest varieties of Cabbage. It is dwarf in habit, resembles the Copenhagen Market Cabbage, but smaller heads, averaging 2½ to 3 pounds in weight. Pkt. 5c, oz. 35c,  $\frac{1}{4}$  lb. \$1.00, 1 lb. \$3.00.

**COPENHAGEN MARKET**—Our seed of this valuable new early Cabbage comes to us direct from Denmark. Pkt. 5c, oz. 30c,  $\frac{1}{4}$  lb. 80c, 1 lb. \$2.50.

**EARLY WINNIGSTADT**, Imported—One of the best early sorts. Pkt. 5c, oz. 25c,  $\frac{1}{4}$  lb. 80c, 1 lb. \$2.50.

**DANISH BALL HEAD or HOLLANDER**, Imported—The hardiest round headed Cabbage in cultivation. Pkt. 5c, oz. 35c,  $\frac{1}{4}$  lb. \$1.00, 1 lb. \$3.00.

**EARLY JERSEY WAKEFIELD**, Imported—Grows a small pointed head like the Winnigstadt. Pkt. 5c, oz. 25c,  $\frac{1}{4}$  lb. 80c, 1 lb. \$2.50.

**EARLY FLAT DUTCH**—Pkt. 5c, oz. 25c,  $\frac{1}{4}$  lb. 80c, 1 lb. \$2.50.

**RED DUTCH**—Heads of deep color and very solid. Excellent for cold slaw and for pickling. Pkt. 5c, oz. 30c,  $\frac{1}{4}$  lb. \$1.00, 1 lb. \$3.00.



Cabbage, Select Golden Acre

## Chinese Cabbage

Grow it the same as you would lettuce. Our seed is the genuine Chinese imported. Pkt. 5c, oz. 25c,  $\frac{1}{4}$  lb. 80c, 1 lb. \$2.50.

## Collards

**CULTURE:** Similar to Cabbage, but does not produce a head.

**TRUE GEORGIA**—A strong, growing variety with light green leaves. Pkt. 5c, oz. 15c,  $\frac{1}{4}$  lb. 35c, 1 lb. \$1.00. Postpaid.

## Brussels Sprouts

**IMPORTED HALF DWARF PARIS MARKET**—The culture for Brussels Sprouts is the same as for Cabbage. Pkt. 5c, oz. 25c,  $\frac{1}{4}$  lb. 85c, 1 lb. \$2.50. Postpaid.

## Liefgreen's Selected Stock Beets

Stock Beets are recognized as a very valuable stock food.

**MAMMOTH LONG RED**—The roots of this variety grow to a very large size.

**GOLDEN TANKARD**—Contains more sugar and less water than any other Mangel.

**GIANT HALF SUGAR**—A very heavy yielder. White solid, tender flesh and very sweet.

**SUGAR BEET (White Klein Wanzeben)**—Not the largest in size, but the richest in saccharine. It will fatten hogs as quickly as grain.

**ALL STOCK BEET PRICES:** Pkt. 5c, oz. 10c, 1 lb. 75c, 10 lbs. \$6.50. Postpaid.



Beet, Early Wonder

## Liefgreen's Selected TABLE BEET SEEDS

**CULTURE:** In the warm sections of Arizona Beets may be planted from August 1 until May 1. In the higher altitudes planting may commence as soon in the spring as weather conditions will allow. One ounce of seed will plant from 50 to 75 feet of row and 6 to 8 pounds are required per acre. Plant in rows of 18 to 24 inches apart and thin to 3 or 4 inches in the row. Cover the seed 1 inch deep and firm the soil after planting. Beets enjoy a light, rich, loamy soil, and frequent cultivation is necessary for rapid and tender growth.

**PRICES ON TABLE BEET SEED unless noted are uniformly:** Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 30c, 1 lb. 85c, 5 lbs. \$4.00, 10 lbs. \$7.00. Postpaid.

**EARLY WONDER**—A very fine market and table beet. This is an early beet with a very small tap root, small top and is of exceptionally fine dark red color. The beets are slightly flattened and mature very evenly. For a table as well as a canning variety we cannot recommend it too highly.

**DETROIT DARK RED**—This is a fine main crop all-purpose beet. Sweet, tender and fine grained. The rich, dark red color makes an attractive dish. Pkt. 5c, oz. 15c,  $\frac{1}{4}$  lb. 40c, 1 lb. \$1.00, 5 lbs. \$4.50, 10 lbs. \$8.50. Postpaid.

**CROSBY'S EGYPTIAN**—Our Crosby's is a very superior extra early strain of garden beet which has been very carefully selected for type. It excels in handsome form, a good size, small tops, very small tap root, fine quality, and above all, it makes a rapid growth. The flesh is deep red. Ready for use in 45 to 50 days.

**EARLY BLOOD TURNIP**—Of large growth. Flesh very tender and retains its blood red color when cooked.

## Swiss Chard

**FOLIAGE BEET (Lucullus)**—Culture, same as Beets. The leaves of Swiss Chard are used for greens the same as Spinach or Beet tops. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 25c, 1 lb. 60c, 10 lbs. \$5.50. Postpaid.

## Broccoli

**GREEN SPROUTING ITALIAN (Calabrese)**—The edible portion differs from other Broccolis in use, in that the flower heads are borne on long stems which are cooked and eaten along with the flower and are of a very mild flavor, having none of the distinct cabbage flavor. Plant and care for as Cabbage or Cauliflower. Pkt. 5c, oz. 30c,  $\frac{1}{4}$  lb. 90c, 1 lb. \$3.00.

## CAULIFLOWER

**LIEFGREEN'S SELECT EARLY SNOWBALL**—The earliest and surest heading variety on the market. Our strain of Snowball is grown by one of the most particular Danish growers and imported by us from Denmark. Pkt. 10c,  $\frac{1}{4}$  oz. \$1.65, oz. \$5.00,  $\frac{1}{4}$  lb. \$15.00. All postpaid.



Carrot, Improved Chantenay

# Ask for Larger Quantity Prices

## LETTUCE

**CULTURE:** Lettuce is best suited to rich, light, loamy soil and should never be planted in worn-out soils. Sow seed on ridges in rows 18 inches apart and when plants are large enough thin to 10 to 15 inches apart. Run the water in furrows between the ridges and never allow the water to touch the plants.

When Lettuce is planted early in hot ground plant 2 pounds of seed to the acre. During the Winter season, when the soil is cool, 1½ pounds per acre is plenty.

### Head Lettuce

**NEW YORK No. 515, IMPROVED**—An early variety well adapted to late Spring production in the Salt River Valley; resistant to tip burn; heads medium large, compact and attractive.

**NUMBER 12, NEW YORK**—A type of early maturing New York Lettuce. Matures about 10 days earlier than the regular New York.

**NEW YORK SPECIAL**—Hardy, uniform heads, light green outer leaves with the center bleached pure white.

**ARIZONA WONDERFUL**—A splendid variety for market or home use. Large, crisp, tight heads and a great favorite wherever grown.

**IMPERIAL "D"**—Medium heads, desirable for Fall crop. Will stand considerable cold, but susceptible to tip burn in warm weather.

**IMPERIAL "152"**—Medium sized, solid heads. Quite hardy, very sure heading, also resistant to brown blight. Pkt. 5c, oz. 25c, ¼ lb. 85c, lb. \$3.00. Write for quantity prices.

**IMPERIAL "615"**—One of the largest heading varieties. Resistant to brown blight, does not make suckers. Desirable for early Spring cutting.

**ICEBERG**—A splendid Head Lettuce for Spring or Fall planting.



### Leaf Lettuce

**PARIS COS or ROMAINE**—Leaves yellowish white, very crisp and tender; a self-blanching lettuce of superior flavor.

**DENVER MARKET**—For the family garden plant this variety broadcast on ridges, allowing it to grow thick.

Prices on all varieties of Lettuce seed listed unless noted otherwise: Pkt. 5c, oz. 15c, ¼ lb. 40c, lb. \$1.25; all postpaid. Ask for prices in larger quantities for commercial planting.

### Kale or Borecole

**GREEN CURLED SCOTCH**—Grows to a height of 2 feet or more; leaves are bright green and curled. Pkt. 5c, oz. 15c, ¼ lb. 35c, 1 lb. \$1.00. Postpaid.

### Leek

**LARGE LONDON**—Broad leaves of strong and vigorous growth, very hardy. Pkt. 5c, oz. 30c, ¼ lb. 85c, 1 lb. \$2.50. Postpaid.

### Kohl Rabi

**CULTURE:** Kohl Rabi is a cold weather plant and should be seeded from early Fall to early Spring, eliminating the hot Summer months.

**EARLY WHITE VIENNA**—Earliest sort, very tender, excellent for table use. Pkt. 5c, oz. 25c, ¼ lb. 85c, lb. \$2.50. Postpaid.

**EARLY PURPLE VIENNA**—Similar to above, but has flesh of purple color. Pkt. 5c, oz. 25c, ¼ lb. 85c, 1 lb. \$2.50. Postpaid.



Onion, Riverside Sweet Spanish

### Endive

**CULTURE:** Sow seed at any time with the exception of hot Summer months. This plant grows to perfection and makes a very delicious salad for Winter use.

**GREEN CURLED**—A hardy, vigorous variety with deep green leaves. Pkt. 5c, oz. 15c, ¼ lb. 35c, 1 lb. \$1.00. Postpaid.

### MUSTARD

**CULTURE:** Very easy to grow. Sow in the Fall and during the Winter and Spring months. Drill in rows and cover lightly. Mustard is not particular as to soil, but a medium heavy soil is best.

**SOUTHERN CURLED**—The true curled leaf variety. Cooks like Spinach and has a very agreeable flavor. Pkt. 5c, oz. 10c, ¼ lb. 25c, 1 lb. 75c. Postpaid.

**OSTRICH PLUME**—Is delicious as well as ornamental; the leaves resemble ostrich plumes, hence the name. Pkt. 5c, oz. 10c, ¼ lb. 25c, 1 lb. 75c. Postpaid.

**CHINESE WHITE**—This is a delicious vegetable, being less pungent than the American varieties. Like Spinach, it thrives during the Winter season. Pkt. 5c, oz. 40c, ¼ lb. \$1.35, 1 lb. \$4.00. Postpaid.

### Parsley

**CULTURE:** Sow in the Fall or early Spring. As the seed is slow to germinate, a light mulch over the seed bed will retain the moisture and hasten germination. Cover lightly. One ounce of seed will produce about 500 plants.

**MOSS CURLED**—Excellent for garnishing and flavoring and very decorative. Leaves are very fine and crisp. Pkt. 5c, oz. 15c, ¼ lb. 35c, 1 lb. \$1.00. Postpaid.

### Herb Seeds

**ANISE**—Pkt. 5c, oz. 35c.

**BASIL**—Sweet. Pkt. 5c, oz. 50c.

**BORAGE**—Pkt. 5c, oz. 50c.

**CARAWAY**—Pkt. 5c, oz. 25c.

**CATNIP or CATMINT**—Pkt. 5c.

**CHERVIL**—Pkt. 5c, oz. 30c.

**CORIANDER**—Pkt. 5c, oz. 25c.

**DILL**—Pkt. 5c, oz. 25c.

**LAVENDER**—Pkt. 5c, oz. 75c.

**MARJORAM**—Sweet. Pkt. 5c, oz. 75c.

**ROSEMARY**—Pkt. 5c, oz. \$1.00.

**SAGE**—Pkt. 5c, oz. 75c.

**SORREL**—Pkt. 5c, oz. 35c.

**SUMMERY SAVORY**—Pkt. 5c, oz. 75c.

**SAFFRON**—Pkt. 5c.

**THYME**—Pkt. 5c, oz. \$1.00.

Prices Listed Are Postpaid

Unless Quoted Otherwise.

## Liefgreen's ONIONS

**WHITE SWEET SPANISH**—Like the original Sweet Spanish, it is a good keeper. We are very proud of our strain as it has given wonderful results. Pkt. 5c, oz. 30c, ¼ lb. \$1.00, 1 lb. \$3.00. Postpaid.

**RIVERSIDE SWEET SPANISH**—Large, well shaped brown onions weighing 1 to 3 lbs. Globular, with golden yellow skins, white flesh, very mild, with a pleasing flavor. Pkt. 5c, oz. 30c, ¼ lb. \$1.00, 1 lb. \$3.00. Postpaid.

**GREAT GREEN BUNCHING ONIONS**—Produces the long tender, sweet green Onions which are so popular on the table of those who enjoy good eating. Pkt. 5c, oz. 25c, ¼ lb. 80c, 1 lb. \$2.50. Postpaid.

**CRYSTAL WHITE WAX**—A large white Bermuda type Onion that has become very popular. It is very early, very mild in flavor and an excellent shipper and keeper. Pkt. 5c, oz. 25c, ¼ lb. 80c, 1 lb. \$2.50. Postpaid.

**SILVER SKIN**—One of the leading white Onions. Average diameter is 4 to 6 inches. The thick skin is a clear silvery white; flesh snow white. Pkt. 5c, oz. 25c, ¼ lb. 80c, 1 lb. \$2.50. Postpaid.

**YELLOW GLOBE DANVERS**—A well known early Onion of fine quality. Pkt. 5c, oz. 25c, ¼ lb. 80c, 1 lb. \$2.50. Postpaid.

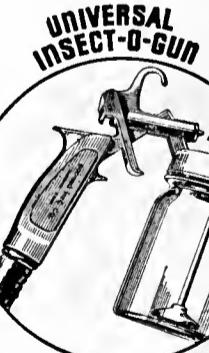
### Onion Sets

One pound of sets will plant about 50 feet of row. White and yellow. 1 lb. 30c, postpaid; 10 lbs. \$2.00 postpaid. Not postpaid, 20c lb., 2 lbs. 35c, 10 lbs. \$1.50.

## MARKET GARDENERS Ask for Quantity Prices



Made of imported leather processed to make it pliable as kid and washable. An ideal glove for men and women gardeners. Will outwear six cotton gloves. Sizes for women: "Small", "Medium", "Large". For men: "Medium" and "Large". 75c, postpaid.



\$3.75

Sure, Fast Pest Control  
with the Universal  
INSECT-O-GUN

THE ORIGINAL INSECT-O-GUN . . . and the simplest type made! All you do is pull the trigger and let your city water pressure do the work.

NO ADJUSTMENT . . . the Universal INSECT-O-GUN sprays up for more complete under-leaf coverage where most bugs are found.

# Plant Liefgreen's Finer Vegetable Seeds

## PEAS

### Plant Liefgreen's Seeds for Profit

**CULTURE:** Plant Peas from September to April 1. Peas are hardy and stand a great deal of cold. During cold weather plant seed 1 to 2 inches deep; in the warmer months plant 3 to 4 inches deep. Sixty pounds to the acre is the amount usually used.

Prices on Pea Seed as follows: Pkt. 5c,  $\frac{1}{2}$  lb. 20c, 1 lb. 35c, 5 lbs. \$1.25, 10 lbs. \$2.25. Postpaid to the First, Second and Third Zones. Prices F.O.B. Phoenix not postpaid as follows: Pkt. 5c,  $\frac{1}{2}$  lb. 15c, 1 lb. 25c, 5 lbs. \$1.00, 10 lbs. \$1.80. Write for special quantity prices.

**LAXTON'S PROGRESS (Early)**—Regarded by some large users as the best of the large podded early peas. Pods large, of fine color, and are well filled with large peas of finest quality.

**HUNDREDFOLD**—An early variety and a great favorite. Plant in September for Fall crop.

**DWARF TELEPHONE**—Planted after the Progress, usually in November for a Spring crop.

**GIANT STRIDE**—A very popular late bush variety.



Peas, Laxton's Progress

## Parsnip

**CULTURE:** Plant from October to March. Sow in drills in rich soil  $\frac{1}{2}$  inch deep and 15 inches apart. Cultivate like carrots and thin to 4 inches apart. One ounce of seed will plant about 100 feet of row, 5 pounds to the acre.

**HOLLOW CROWNED**—The very best Parsnips, either for table use or for stock. Pkt. 5c, oz. 15c,  $\frac{1}{4}$  lb. 35c, 1 lb. \$1.00. Postpaid.

## Radishes

**CULTURE:** Radishes may be planted almost any month of the year in Southern Arizona with the exception of the hottest months. Plant 1 ounce of seed to 100 feet of drill, 10 pounds to the acre.

**LONG WHITE ICICLE**—The most popular long white radish.

**EARLY LONG SCARLET**—Long, bright scarlet. Very brittle and sweet, matures early.

**WHITE TIPPED SCARLET TURNIP**—A table dainty, crisp, tender and sweet.

**EARLY SCARLET TURNIP**—A handsome scarlet, crisp and juicy.

**CRIMSON GIANT**—Twice as large as any other turnip-shaped variety. Does not get hollow or pithy.

**FRENCH BREAKFAST**—An early variety with good flavor and attractive appearance.

**ROUND BLACK SPANISH**—Black skin, white flesh and of firm texture.

**EARLY SCARLET GLOBE**—Oval in shape and are a rich scarlet color.

**MIXED RADISH**—A mixture of all the varieties we list.

Price of all Radishes listed: Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 30c, 1 lb. 85c, 5 lbs. \$3.50. Postpaid.



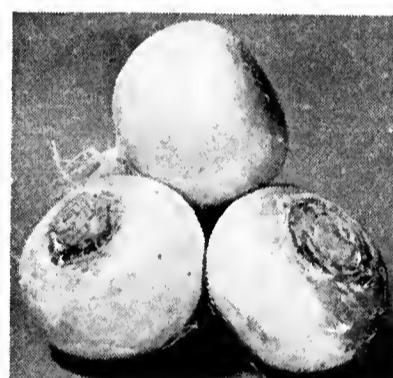
Radish, Early Scarlet Turnip

## Rutabaga

**IMPROVED YELLOW PURPLE TOP**—The popular standard variety, both for stock feeding and for table use. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 25c, 1 lb. 75c, 5 lbs. \$3.00, 10 lbs. \$5.50. Postpaid.

## GARD-N-CART

### FILL IT Like a Dust Pan!



## Turnips

**CULTURE:** Sow from September 1 to March 1, in loose loamy soil in double rows on ridges not too thick. One ounce of seed will sow about 75 feet of row or 2 pounds to the acre.

**PURPLE TOP WHITE GLOBE**—The most popular and the most attractive Turnip on the market.

**PURPLE TOP STRAP LEAVED**—Quick grower. Flesh very fine grained and sweet.

**WHITE EGG**—An egg-shaped variety for early or late planting.

**EARLY WHITE FLAT DUTCH**—White flesh, medium size, quick growth.

**GOLDEN BALL**—Round, smooth, yellow Turnip of fine quality. Good keeper.

All the above turnips: Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 25c, 1 lb. 75c, 5 lbs. \$3.00, 10 lbs. \$5.50. Postpaid.

PRICES LISTED ARE POSTPAID

## MARKET GARDENERS AND SHIPPERS

WE ARE HEADQUARTERS FOR

Market Garden Supplies, Seeds, Sprayers, Insecticides, Etc.

Please write for our special quotations for quantities. Write us in regard to your insect problems.

Surprising  
Low  
Price

**\$3<sup>95</sup>**

F. O. B. Phoenix



PUSH OR PULL IT LIKE A WAGON!

With your Gard-n-Cart, just think what a pleasure it will be to haul tools, hose, soil, ashes, fertilizer, plants, rock, sand, cement, or anything else you may be working with around your yard or garden. And remember this about the Gard-n-Cart . . . you can

DUMP IT easier than any garden vehicle you have ever used!

All you do is tip it forward . . . and that's easy to do because the Gard-n-Cart is so light and well balanced. No falling over to one side or the other . . . no struggling to dump the load just where you want it.

"GARD-N-CARTING" Is a Lot of Fun

# Liefgreen's Monthly Planting Guide

FOR THE SALT RIVER VALLEY AND SIMILAR CLIMATES

## September and October Planting List

**VEGETABLE SEEDS**—Beets, Cabbage, Carrots, Cauliflower, Collards, Cress, Endive, Garlic Sets, Herbs, Kale, Kohlrabi, Leek, Lettuce, Mustard, Onion Seed, Onion Sets, Parsley, Parsnips, Peas, Radishes, Salsify, Spinach, Turnips.

**VEGETABLE PLANTS**—Cabbage and Cauliflower.

**FLOWER SEEDS**—African Daisy, Bachelor Button, Calendula, Candytuft, Carnation, Caliopsis, Centaurea, Clarkia, Columbine, Coreopsis, Delphinium, Daisies, Globe Amaranth, Gaillardia, Gypsophila, Hollyhocks, Larkspur, Linaria, Mignonette, Moon Vine, Nemophila, Nicotiana, Nigella, Pansy, Petunia, Phlox, Pinks, Poppies, Scabiosa, Snapdragons, Stocks, Sweet Alyssum, Sweet Peas, Sweet William, Verbena, Virginia Stocks, Venidium, Geum.

**BULBS**—Anemone, Amaryllis, Daffodils, Chinese Sacred Lily, Freesias, Galanthus, Hardy Lilies, Hyacinths, Iris, Jonquils, Narcissus, Oxalis, Paper Whites, Soleil D'Or (Yellow Paper Whites), Muscari, Ranunculus, Tulips.

**LAWN SEEDS**—Bermuda Grass, Blue Grass, Rye Grass, White Clover, Poa Trevialis, Bent Grass, Red Top.

**FIELD SEEDS**—Alfalfa, Barley, Oats, Winter Rye, Wheat.

## November and December Planting List

**VEGETABLE SEEDS**—Beets, Cabbage, Carrots, Cauliflower, Endive, Garlic Sets, Kale, Lettuce, Mustard, Onion Seed, Onion Sets, Parsley, Parsnips, Peas, Radishes, Spinach, Turnips.

**VEGETABLE PLANTS**—Cabbage and Cauliflower.

**FLOWER SEEDS**—African Daisy, Calendula, Candytuft, Carnation, Caliopsis, Centaurea, Clarkia, Columbine, Coreopsis, Delphinium, Daisies, Geum, Globe Amaranth, Gaillardia, Gypsophila, Hollyhock, Larkspur, Linaria, Mignonette, Moon Vine, Nemophila, Nicotiana, Nigella, Pansy, Petunia, Phlox, Pinks, Poppies, Scabiosa, Snapdragons, Stocks, Sweet Peas, Sweet William, Verbena, Virginia Stocks, Venidium.

**LAWN SEEDS**—Blue Grass, Rye Grass, White Clover, Poa Trevialis, Bent Grass, Red Top.

**BULBS**—Amaryllis, Anemone, Calla Lily, Chinese Lily, Soleil D'Or (Yellow Chinese Lily), Daffodils, Freesias, Galanthus, Gladiolus, Hardy Lilies, Hyacinths, Dutch Iris, Jonquils, Muscari, Oxalis, Paper White Narcissus, Ranunculus, Tulips.

**FIELD SEEDS**—Alfalfa, Barley, Oats, Winter Rye, Wheat.

## January Planting List

**VEGETABLE SEEDS**—Asparagus, Beets, Cabbage Plants, Carrots, Cauliflower Plants, Collards, Endive, Kale, Kohlrabi, Lettuce, Mustard, Onion Seed, Onion Sets, Parsley, Parsnips, Peas, Potatoes, Radishes, Rhubarb Roots, Spinach, Turnips, Strawberry Plants.

**FLOWER SEEDS**—African Daisy, Bachelor Buttons, Calendula, Caliopsis, Candytuft, Carnation, Centaurea, Chrysanthemum, Cosmos, Coreopsis, Double Daisy, Gaillardia, Gypsophila, Hollyhock, Larkspur, Linaria, Linum, Moon Vine, Mignonette, Nemophila, Nigella, Pansy, Petunia, Phlox, Pinks, Poppies, Salpiglossis, Shasta Daisy, Scabiosa, Stocks, Snapdragon, Sweet Alyssum, Sweet Peas, Virginia Stocks, Verbena, Venidium, Wall Flower.

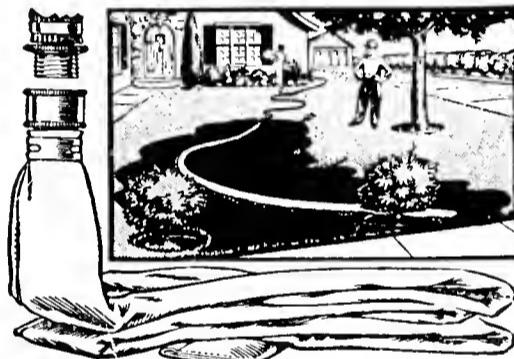
**BULBS**—Amaryllis, Canna, Calla Lily, Chinese Lily, Crocus, Daffodils, Freesia, Gladiolus, Jonquils, Hardy Lilies, Hyacinths, Oxalis, Paper White Narcissus, Tulips, Ranunculus, Tuberoses.

**LAWN SEEDS**—Blue Grass, Rye Grass, White Dutch Clover.

**FIELD SEEDS**—Alfalfa, Barley, Oats, Rye, Wheat, Sweet Clover.

For the colder sections of Arizona the time of planting should be determined by the weather conditions. In Northern Arizona and in the higher altitudes most of the varieties listed here should be planted in the Spring, after all danger of frost.

### SOIL SOAKER



**SOIL SOAKER** for deep soaking, the water method approved by agricultural colleges and nurseries now available for home use. Equipped with regular hose connection for attaching to hose or pipe. Price: No. 0, 12 foot, \$1.25; No. 1, 18 foot, \$1.75; No. 2, 30 foot, \$2.75, postpaid.

**VITAMIZE YOUR ENTIRE GARDEN**  
Lawns • Flower-beds • Trees • Shrubs  
IN A FEW MINUTES  
with THOMPSON'S new  
**B-1 VITAMIZER**

No Back Breaking Watering Can  
No Drudgery—No Tedious Measuring

Just place from one to six Thompson's Vitamin B<sub>1</sub> Pellets in Thompson's new B<sub>1</sub> VITAMIZER—insert in any standard garden hose—and spray B<sub>1</sub> solution right through hose nozzle or sprinkler.

With one Thompson B<sub>1</sub> Pellet, B<sub>1</sub> VITAMIZER applies approximately 25 gals. of the correct solution in just 6 minutes. Up to 150 gals. (with 6 Pellets), applied in comparatively brief periods. Made of brass. Nothing to get out of order. Will last indefinitely.

**SPECIAL BARGAIN COMBINATION \$1.89**  
B<sub>1</sub> VITAMIZER (regular price \$1), and  
100 Thompson's B<sub>1</sub> Pellets, 1 mg. each,  
making 2000 gals. solution (regular  
price \$1). B<sub>1</sub> VITAMIZER is engineered for use  
with Thompson's 1 milligram B<sub>1</sub> Pellets only.

## GARDENERS WISE VITAMIZE with

**Thompson's  
VITAMIN  
B-1  
PELLETS**  
& Shake-a-Drop Bottle

**2000 GALS.  
B-1 SOLUTION  
\$1**

Add Thompson's Vitamin B-1 to your regular garden routine and your flowers will be the envy of your neighborhood. But be sure to get Thompson's Vitamin B-1 Pellets—with the ingenious Shake-a-drop bottle—the inexpensive, foolproof way to apply Vitamin B-1. At your garden store or nursery.

Also sold in pure crystalline powder for those who prefer to measure their own solutions; 100 mg., \$1, make 2,000 gallons.

**Thompson's  
INDOL-B<sub>1</sub>**  
INDOLE ACETIC ACID WITH VITAMIN B-1  
FOR RAPID ROOTING  
OF CUTTINGS

\$1  
WILL TREAT  
FROM  
2,000  
TO 5,000  
CUTTINGS

★ INDOLE FOR RAPID ROOTING  
VITAMIN B-1 FOR ROOT GROWTH

### FOR RAPID ROOTING OF CUTTINGS

Indole acetic acid is a chemical counterpart of plant hormones which control the processes of plant growth. Applied to cuttings, it induces quicker rooting than naturally occurs, but it only initiates the roots—does not make them continue to grow. Now, Thompson combines with indole acetic acid a needed factor for root growth—Vitamin B-1. INDOL-B<sub>1</sub> makes it easier to root cuttings; assures rapid, healthy, plentiful root growth.

\$1.00 package treats 2000 to 5000 CUTTINGS according to plants treated

**THOMPSON'S  
VITAMIN B-1  
For Your Garden**

VITAMIN B-1 PURE CRYSTALLINE  
POWDER PRODUCES AMAZING  
REINVIGORATED ROOT GROWTH!

... Cattleya blooms twice normal size ... 5-inch rose buds ... Cottage tulips with 30-inch stems ... Hyacinths with flower heads over 12 inches long ... Snapdragons 6½ feet tall ... Birds of Paradise with 16 inch flowers ... Daffodils bigger than a salad plate or a 42-inch stalk thicker than a man's thumb ... Roses transplanted while flowering ... Annuals, perennials and shrubs transplanted without soil on roots ... Root-rot stopped in valuable trees ...

100 mgm;  
1/10 gram **1.00**

Makes 2000 gallons of solution; enough for a season in the average garden.



From \_\_\_\_\_



339 West Van Buren Ave.,

P.O. Box No. 1352

PHOENIX, ARIZONA



**PLEASE USE THIS ORDER SHEET**

**ORDER NO.**



Name _____	Date _____	19 <u>3</u>	AMOUNT ENCLOSED
Street _____	P. O. Box No. _____	Postal Money Order \$ _____	
Post Office _____	R. F. D. No. _____	Express Money Order _____	
County _____	State _____	Draft - - - - - _____	
Express or Freight Office _____	Zone _____	Scale _____	Currency - - - - - _____
			Coin - - - - - _____
			Postage Stamps - - - - - _____
			TOTAL \$ _____

**FOR FULL INSTRUCTIONS ABOUT ORDERING SEE FRONT INSIDE COVER**

We give no warranty express or implied as to description, purity, production or any other matter of any seeds, bulbs or plants we send out, and will not be in any way responsible for the crop. When mentioned, purity and germination tests are for information only and without guarantee.—Liefgreen Seed Co.

**Amount Carried Forward**

**PLEASE SEE NOTICE ON REVERSE SIDE**

SPECIAL NOTICE:—We shall esteem it a great favor if you will give us below, the names and addresses of any of your friends who are interested in gardening. . . . We wish to send them our catalogue.

# LIEFGREEN'S GRASS SEEDS

Liefgreen's Lawn Seeds are thoroughly cleaned and tested for purity and germination.

**DIRECTIONS FOR PLANTING**—First level the ground thoroughly and pulverize the soil. Enrich with our Lawn and Garden Fertilizer at the rate of 100 pounds to 3000 square feet. Scatter the seed evenly over the surface at the rate of 1½ to 2 pounds to 10 x 10 feet for Australian Rye Grass; one pound to 10 x 20 for Blue Grass; one pound to 500 square feet for Bermuda Grass and one pound to 2000 square feet for White Dutch Clover when planted with other grasses. After sowing spread a light mulch of Horticultural Peat Moss over the surface. The mulch will quicken germination and prevent the soil from crusting. Water carefully and regularly with a fine spray, never allowing the surface to dry out until the grass is up. Plant Rye Grass, Blue Grass and White Clover from September 1st until early spring and Bermuda Grass during the spring, summer and fall months.

When you buy Liefgreen's Lawn Grass Seed you avoid failure and disappointment.



## AUSTRALIAN RYE GRASS FOR WINTER LAWNS

Australian Rye Grass is an extremely hardy and the most popular winter lawn grass in the Salt River Valley and similar climates. Our seed is of the highest germinating quality, thoroughly recleaned and sure to please.

1 lb. 15c    10 lbs. \$1.25    25 lbs. \$3.00    Write or Phone for Quantity Prices.  
All F.O.B. Phoenix. Add postage at Zone Rates for parcel post shipment.

### BERMUDA GRASS

Used exclusively for summer lawns in the Salt River Valley and similar climates. We carry a very selected grade of seed, thoroughly recleaned, thereby eliminating the undesirable weed seeds. Lb. 50c; 10 lbs. \$4.50. Postpaid.

### KENTUCKY BLUE GRASS

Fancy, recleaned seed of tested quality. Used for summer lawns in the higher altitudes and mountain districts and in the warmer sections for winter lawns. Lb. 50c; 10 lbs. \$4.50. Postpaid. Write for quantity prices.

### RED TOP

**AGROSTIS ALBA**—A fine-bladed grass that is often used with Rye Grass and Kentucky Blue Grass for golf courses and lawn purposes. Also used for pasture grass in the higher altitudes. For pasture, sow 15 pounds per acre. Lb. 40c; 10 lbs. \$3.50. Postpaid.

### WHITE DUTCH CLOVER

Strictly first-class seed, absolutely clean and pure and of the highest quality. Makes a very attractive lawn when mixed with winter lawn grass. Lb. \$1.25; 10 lbs. \$11.00. Write for quantity prices.

### POA TRIVIALIS

Used for golf courses, putting greens and fairways and very satisfactory for lawns and in shady places. Leaves are narrow and flat. Lb. \$1.00; 10 lbs. \$9.00. Postpaid.

### SEA SIDE BENT

**AGROSTIS MARITIMA**—A true creeping bent, used for putting greens. Our stock is recleaned and extremely pure and free from weed seeds. Certified (Blue Tag) Seed. 1 lb. \$1.25; 5 lbs. \$5.75. Postpaid.

## For Beautiful Lawns, Flowers and Shrubs, Use . . . Liefgreen's Fertilizers

### BANDINI COMPLETE SPECIALTY MIXTURES

Use These Complete Plant Foods for Best Results

	2½ lb.	5 lb.	10 lb.	25 lb.	50 lb.	100 lb.
Grow-Rite Lawn and Garden.....	\$ .30	\$ .45	\$ .75	\$ 1.35	\$ 2.25	\$ 4.00
Rose Plant Food—Complete.....	.30	.45	.75	1.35	2.15	4.00
Bulb Plant Food—Complete.....	.30	.45	.75	1.35	2.25	4.00
Azalea Plant Food—Complete (for acid loving plants).....	.30	.45	.75	1.35		
Sweet Pea Food Complete.....	.30	.45	.75	1.35	2.25	4.00

### MISCELLANEOUS PLANT FOODS AND CORRECTIVES FOR ALL PURPOSES

	3 lb.	5 lb.	10 lb.	25 lb.	50 lb.	100 lb.
Ammonium Phosphate 16-20....	\$ .25	\$ .40	\$ .75	\$ 1.25	\$ 2.25	\$ 4.00
Aluminum Sulphate .....	.30	.50	.90	2.00	3.50	6.00
Blood Meal, Dried.....	.25	.40	.75	1.35	2.50	4.50
Bone Meal, Fine.....	.25	.40	.65	1.10	1.75	3.00
Blood and Bone, Mixed.....	.25	.40	.75	1.35	2.50	4.50
Calcium Nitrate .....	.25	.40	.65	1.10	1.75	3.00
Cotton Seed Meal Fertilizer....	.25	.40	.65	1.10	1.75	3.00
Gypsum, Agriculture .....	.10	.15	.25	.60	.85	1.25
Fish Meal Fertilizer .....	.25	.40	.75	1.25	2.15	4.00
Hydrated Lime .....	.15	.20	.30	.50	.75	..
Nitrate of Soda .....	.25	.40	.65	1.10	1.75	3.00
Soil Sulphur, Agricultural.....	.25	.40	.65	1.20	2.00	3.50
Sulphate of Ammonia .....	.25	.40	.65	1.10	1.75	3.00
Sulphate of Potash .....	.30	.45	.75	1.35	2.25	4.00
Treble Super Phosphate.....	.30	.45	.75	1.25	2.00	3.50
Sulphate of Iron.....	.25	.40	.75	1.25	2.25	4.00
Sulphate of Zinc.....	.30	.45	.75	1.50	2.75	5.00

All Fertilizers and Soil Correctives are priced f.o.b. Phoenix.  
Write for quantity prices.

**LIEFGREEN'S 8-9-6 COMMERCIAL FERTILIZER**—Is a scientifically prepared chemical compound having the most necessary elements for the promotion of plant growth. It not only enhances the beauty of the bloom and the color of the lawn, but acts as a wonderful stimulant and plant food for vegetables and field crops, flowers, lawns, shrubs and trees. Easily applied as it is in powder form. Quick and unusually lasting results. 5 lbs. 40c; 10 lbs. 75c; 25 lbs. \$1.25; 50 lbs. \$1.75; 100 lbs. \$3.

### PEAT MOSS . . .

Peat Moss is a valuable soil improver for all horticultural purposes. It consists chiefly of decomposed vegetable or organic matter and increases the humus content of the soil. It absorbs ten times its weight in water, releasing it for the plants in periods of drought. Use Peat Moss liberally on flower and vegetable gardens and on lawns. Mulch roses, fruit trees, etc., to conserve moisture. A bale of Peat Moss when loosened will cover 700 square feet. Write for prices.

### VIGORO . . .

**COMPLETE PLANT FOOD**  
Inexpensive—Just a Few Pounds of Vigoro Will Make Your Garden Look Like a Million.

It has all the elements plants require from the soil. It's proper nourishment that gives Vigoro-fed plants their great vitality and beauty.

Use Vigoro this year. It costs little and goes far—four pounds properly feeds 100 square feet of lawn or garden area. We recommend clean, odorless Vigoro.

### PRICES

100 lb. bag.....	\$ 4.00	10 lb. bag.....	\$ .85
50 lb. bag.....	2.50	5 lb. bag.....	.45
25 lb. bag.....	1.50	1 lb. bag.....	.10

F. O. B. PHOENIX

# Amaryllis--Liefgreen's New Giant American Hybrids



AMARYLLIS

The finest strain producing vigorous stems with from four to six giant blooms of the most perfect form. Colors range from white with varied markings of pink, rose, red and crimson; also brilliant reds, crimson, cherry and almost maroon.

**Bedding size . . 25c each  
5 for \$1.00, doz. \$2.00**

**Medium size . . 35c each  
3 for 90c, doz. \$3.25**

**Jumbo size . . . 50c each  
3 for \$1.25, doz. \$4.50**

**All Postpaid**

Plant these beautiful large Amaryllis for spring flowers.  
(Note illustration)

**BELLADONNA—Major.**  
Luxuriant foliage during fall, winter and spring. In late spring the foliage dies off and during the summer months the flower stalks rise from the bare ground with umbells of lovely rose-pink lilies. Flowers are fragrant and keep well. The bulbs should be planted during the late fall and winter and spring months, but do not always bloom during the first year. **Large size bulbs; 25c ea.: \$2.50 per dozen, postpaid.**

## AMARYLLIS JOHNSONI

Brilliant red and very large flowers. One of the very finest. Very seldom fail to bloom. **50c each; \$1.25 for 3; \$4.50 per dozen, postpaid.**

Telephone  
30108



339 West Van Buren, **PHOENIX, ARIZONA**